

**VISIONIAS™** ... Inspiring Innovation

[www.visionias.in](http://www.visionias.in)

[www.visionias.wordpress.com](http://www.visionias.wordpress.com)

*"The significant problems we face cannot be solved at the same level of thinking we were at when we created them." - Albert Einstein*

## **ANALYSIS / APPROACH / SOURCE / STRATEGY: GENERAL STUDIES** **PRE 2022 PAPER**

**- TEAM VISION IAS**

### **Observations on CSP 2022**

- This year the paper appeared to be on moderately tougher side. Many questions though framed on a single topic demanded in-depth knowledge from the students.
- The different trend followed by UPSC this year was in the framing of the options of pair type questions, which limited the students to solve questions by elimination techniques.
- Also, this time like previous years, UPSC linked the fundamental subjects with Current Affairs and important issues which were in the news. This made the paper more relevant and current affairs dominated.
- Static portions like Environment, Economics, S&T etc. were given due weightage. However, few portions like Modern History saw a dip and other static portions like Geography and International Relations saw a rise in the number of questions being asked as compared to the previous years.
- Questions in almost all the subjects ranged from easy to medium to difficult level.
- This year **International Relations** section questions gives us insight on how important it is to regularly read newspapers and follow Current Affairs magazines. The questions were mainly directed towards basic understanding of conflicts & crisis in African and middle eastern countries. Students were also tested on understanding of various UN mechanisms which frequently appeared in news.
- **Polity questions** were a mix of both fundamental topics and current affairs. This time conceptual questions were not asked and mostly questions were solvable by studying standard sources. Unlike previous years, **Governance** aspect was given more weightage eg Tea Board, Coal Controller's Organization, etc.
- In the **History section**, question from Ancient and Medieval India were given more weightage and their difficulty level was also high. Art & Culture questions were linked with current affairs directly e.g. Ramanujacharya and Somnath Temple. However, as a departure from the usual trend, UPSC gave less weightage to Modern Indian History but questions though were easier as compared to last year.

- **Geography** this year was dominated by map-based questions, both national and international. Also, economic geography continues to remain an essential topic owing to the government's emphasis on infrastructure (e.g. Solar park question) and mineral resources development (e.g. question on monazite). However, basic fundamental questions also were seen like summer solstice and clouds.
- This year questions related to **Environment and Climate Change** were a good mix of international initiatives (EP100, Polar Code, Climate Action Tracker), species in news (Golden Mahseer, Ant-Fungi mutualism) and pollution related topics (Acid rain, WHO Air Quality Guidelines, Polythylene Terephthalate). Terms frequently seen in the news (Greenwashing, Miyawaki) remain a favorite with the paper setters. Agriculture, an often underrated subject, continues to maintain a stronghold (System of rice intensification, Crop source of methane, nitrogen-fixing plants). Some unconventional questions testing the fundamental understanding have also been covered (Wetlands as kidneys, Indian laws on wildlife protection).
- In **Economics**, continuing with the previous year trend, questions have been emphasized to test the fundamental understanding of candidates related to concepts like Inflation, Bonds, Monetary Policy Instruments, NEER, etc. with a focus on their applicational aspect. Few questions from current affairs themes like Indirect transfers and foreign e-commerce firms have also been explored. But unlike the trends followed in the previous years by UPSC, Indian economy, agriculture and schemes questions were not seen!
- With regard to **Science & Technology (including Basic Science)** questions, they were by and large of moderate difficulty level. Among the easy-to-answer questions were the ones on 'qubit', 'vaccines', and 'T cells'. In terms of coverage, questions featured from almost every expected section e.g. space technology, computer science and information technology (as many as three questions), cosmology, biology, and biotechnology.

Nature of Question	Source Type	Difficulty Level
<b>F:</b> Fundamental, Conventional and conceptual question which is easily available in commonly recommended books. If a current affairs source is mentioned then it indicates that you had one more reason to prepare this.	<b>EM = Essential material like basic books etc.</b> <b>RM = Reference material</b> <b>EN = Essential News/Current Affairs</b> <b>RR = Random Read like random website</b>	<b>E = Easy</b> <b>M = Medium</b> <b>D = Difficult</b>
<b>FA:</b> Fundamental Applied question is an analytical question which requires information + application of mind. Answer to these questions are from commonly recommended books but not so obvious to find.		
<b>CA:</b> Current Affair question which can be answered almost completely using given source alone.		
<b>CAA:</b> Current Affair Applied question needs information from more than one source to answer AND/OR application of mind (common sense and overall understanding) of aspirant. This is why source for these questions may not be answering the question completely.		
<b>FCA:</b> Fundamental + Current affair. This is a F or FA question supplemented with current affairs or a current affairs question that needs background information for complete answer. Source to these questions might not answer the questions in entirety.		
<b>U (Unconventional Question):</b> Unconventional Question means the question that is distantly related to syllabus provided by UPSC. It is neither present in even reference sources (in addition to recommended books) nor prominently in news.		

QN	Section	Question	Answer	Explanation	Motivation / Current Affairs Link	Level	Nature	Source	Source Type	Vision IAS (All India Test Series/ Current Affairs Magazine/PT 365/Study Material/Value Addition Material/QRM-Quick Revision Module/Daily News)
1	Current Affairs	"Rapid Financing Instrument" and "Rapid Credit Facility" are related to the provisions of lending by which one of the following? (a) Asian Development Bank (b) International Monetary Fund (c) United Nations Environment Programme Finance Initiative (d) World Bank	B	<p><b>Recent context:</b> The Finance minister of Sri Lanka has started bailout talks with the lender of last resort (IMF) and seeking IMF's rapid financial assistance to tackle growing shortages of food, fuel and medicines. The <b>Rapid Financing Instrument (RFI)</b> provides rapid financial assistance, which is available to all member countries facing an urgent balance of payments need. The RFI was created as part of a broader reform to make the IMF's financial support more flexible to address the diverse needs of member countries. The RFI replaced the IMF's previous emergency assistance policy and can be used in a wide range of circumstances.</p> <p>Financial assistance under the RFI is provided in the form of outright purchases without the need for a full-fledged program or reviews. A member country requesting RFI assistance is required to cooperate with the IMF to make efforts to solve its balance of payments difficulties and to describe the general economic policies that it proposes to follow. Prior actions may be required where warranted.</p> <p>The <b>Rapid Credit Facility (RCF) of IMF</b> provides rapid concessional financial assistance to low-income countries (LICs) facing an urgent balance of payments (BoP) need with no ex post conditionality where a full-fledged economic program is neither necessary nor feasible. The RCF was created under the Poverty Reduction and Growth Trust (PRGT) as part of a broader reform to make the Fund's financial support more flexible and better tailored to the diverse needs of LICs, including in times of crisis.</p> <p><b>Hence option (b) is the current answer.</b></p>	Recently these provisions of lending were in news, due to Sri Lankan economic crisis.	E	FCA	<p><a href="https://www.imf.org/en/About/Factsheets/Sheets/2016/08/02/19/55/Rapid-Financing-Instrument#:~:text=The%20Rapid%20Financing%20Instrument%20(RFI,diverse%20needs%20of%20member%20countries.">https://www.imf.org/en/About/Factsheets/Sheets/2016/08/02/19/55/Rapid-Financing-Instrument#:~:text=The%20Rapid%20Financing%20Instrument%20(RFI,diverse%20needs%20of%20member%20countries.</a></p> <p><a href="https://www.imf.org/en/About/Factsheets/Sheets/2016/08/02/21/08/Rapid-Credit-Facility">https://www.imf.org/en/About/Factsheets/Sheets/2016/08/02/21/08/Rapid-Credit-Facility</a></p> <p><a href="https://economictimes.indiatimes.com/news/international/world-news/technical-level-discussions-with-sri-lanka-will-continue-imf/articleshow/91487174.cms?from=mdr">https://economictimes.indiatimes.com/news/international/world-news/technical-level-discussions-with-sri-lanka-will-continue-imf/articleshow/91487174.cms?from=mdr</a></p>	EN	<p><b>All India Test Series FLT: Test 3497 (covered in explanation)</b></p> <p>Q. The facilities like 'Poverty Reduction and Growth Facility', 'Catastrophe Containment and Relief Trust' are often mentioned in the news in the context of providing relief to low-income countries to tackle the economic impact during the pandemic. They are promoted by which of the following?</p> <p>(a) G20 (b) World Bank (c) European Central Bank (d) International Monetary Fund</p> <p><b>EXPLANATION</b></p> <p><b>The Poverty Reduction and Growth Facility (PRGF) is an arm of the International Monetary Fund</b> which lends to the world's poorest countries. The PRGT has these three concessional lending facilities: <b>Extended Credit Facility (ECF):</b> Sustained medium- to long-term engagement in case of protracted balance of payments problems <b>Standby Credit Facility (SCF):</b></p>

									Financing for LICs with actual or potential short-term balance of payments and adjustment needs caused by domestic or external shocks, or policy slippages—can also be used on a precautionary basis during times of increased risk and uncertainty <b>Rapid Credit Facility (RCF):</b> Rapid financial support as a single up-front payout for low-income countries facing urgent balance of payments needs—possible repeated disbursements over a (limited) period in case of recurring or ongoing balance of payments needs.
2	Economics	With reference to the Indian economy, consider the following statements : 1. An increase in Nominal Effective Exchange Rate (NEER) indicates the appreciation of rupee. 2. An increase in the Real Effective Exchange Rate (REER) indicates an improvement in trade competitiveness. 3. An increasing trend in domestic inflation relative to inflation in other countries is likely to cause an increasing divergence between	<b>C</b> <b>Nominal Effective Exchange Rate (NEER)</b> is a measure of the value of a currency against a weighted average of several foreign currencies. The nominal exchange rate is the amount of domestic currency needed to purchase foreign currency. If a domestic currency increases against a basket of other currencies inside a floating exchange rate regime, NEER is said to appreciate. <b>If the domestic currency falls against the basket, the NEER depreciates. An increase in NEER indicates an appreciation of the local currency against the weighted basket of currencies of its trading partners. Hence statement 1 is correct.</b>  <b>Real Effective Exchange Rate (REER)</b> is the real effective exchange rate (a measure of the value of a currency against a weighted average of several foreign currencies) divided by a price deflator or index of costs. In simple words, a nation's nominal effective exchange rate (NEER), adjusted for inflation in the home country, equals its real effective exchange rate (REER). <b>An increase in REER implies that exports become more</b>	This question seeks to test the fundamental knowledge.	M	FA	<a href="https://datahel.p.imf.org/knowledgebase/articles/537469-what-is-nominal-effective-exchange-rate-neer">https://datahel.p.imf.org/knowledgebase/articles/537469-what-is-nominal-effective-exchange-rate-neer</a>  <a href="https://datahel.p.imf.org/knowledgebase/articles/537472-what-is-real-effective-exchange-rate-reer">https://datahel.p.imf.org/knowledgebase/articles/537472-what-is-real-effective-exchange-rate-reer</a>  <a href="https://www.investopedia.com/terms/n/neer.asp">https://www.investopedia.com/terms/n/neer.asp</a>	R M	<b>All India Test Series: Test 3476</b> Consider the following statements: 1. The Nominal effective exchange rate (NEER) is a multilateral rate representing the basket of foreign currencies, each weighted by its importance to the domestic country in international trade. 2. The Real Effective exchange rate (REER) is interpreted as the quantity of domestic goods required to purchase one unit of a given basket of foreign goods. 3. The nominal exchange rate is the true measure of a country's international

		<p>NEER and REER. Which of the above statements are correct?</p> <p>(a) 1 and 2 only (b) 2 and 3 only (c) 1 and 3 only (d) 1, 2 and 3</p>	<p><b>expensive and imports become cheaper; therefore, an increase indicates a loss in trade competitiveness. Hence statement 2 is not correct.</b></p> <p>REER is the NEER after factoring in relative inflation (consumer price-based index) using some measure of relative prices or costs; changes in the REER thus take into account both nominal exchange rate changes and the inflation differential vis-à-vis trading partners. Soaring inflation will impact REER, which, in turn, would inevitably push up the cost of merchandise and affect competitiveness of Indian exports. Thus, <b>if inflation is in an increasing trend in domestic nation relative to inflation in other countries, there is likely to cause an increasing divergence between NEER and REER.</b> For instance, considering NEER and REER values between April 2019 and May 2021 in India, the NEER has been mostly declining, whereas, REER remains in sync with the inflationary trends—the upward biases in REER due to inflation was already being felt in May 2021. The increasing difference between trends of NEER and REER in the last 26 months was due to India’s domestic inflation being higher relative to the six major currencies considered. <b>Hence statement 3 is correct.</b></p>			<p><a href="https://www.financialexpress.com/opinion/getting-real-about-reer-and-exports/2302036/">https://www.financialexpress.com/opinion/getting-real-about-reer-and-exports/2302036/</a></p>	<p>competitiveness. Which of the statements given above is/are correct?</p> <p>(a) 1 and 2 only (b) 2 and 3 only (c) 1 only (d) 1, 2 and 3</p> <p>If the real exchange rises above one, this means that goods abroad have become more expensive than goods at home. The real exchange rate is often taken as a measure of a country’s international competitiveness.</p>		
3	Economics	<p>With reference to the Indian economy, consider the following statements:</p> <p>1. If the inflation is too high, Reserve Bank of India (RBI) is likely to buy government securities. 2. If the rupee is rapidly depreciating, RBI is likely to sell dollars in the market. 3. If interest rates in the USA or European Union were to fall, that is likely to induce RBI</p>	<p><b>B</b> A central bank such as Reserve Bank of India (RBI), periodically intervenes in the debt market to influence the interest rates and rate of inflation in the economy. <b>If RBI feels inflation is too high, it will sell government securities, and suck money out of the system.</b> This act will push up interest rates in the economy, and business will cut back on capital expenditure financed by loans, reducing the demand for money. <b>Hence statement 1 is not correct.</b></p> <p>Central banks also intervene periodically in foreign exchange markets. <b>If the rupee is rapidly depreciating, RBI will sell dollars in the market.</b> This will increase the supply of dollars and the demand for rupees, causing the rupee price of the dollar to come down. On the contrary, if the rupee is rapidly appreciating, RBI will buy dollars and inject rupees into the economy. This will</p>	The question was inspired due to fall/depreciation in rupee vis-à-vis dollar and rising inflation in USA and in India with recent interest rates hike in may	M	FA	<p><a href="https://www.financialexpress.com/money/your-money-central-banks-role-in-an-interconnected-world/2282240/">https://www.financialexpress.com/money/your-money-central-banks-role-in-an-interconnected-world/2282240/</a></p> <p><a href="https://www.livemint.com/opinion/online-views/the-curious-case-of-india-s-rising-forex-reserves-and-falling-rupee-1163932878401">https://www.livemint.com/opinion/online-views/the-curious-case-of-india-s-rising-forex-reserves-and-falling-rupee-1163932878401</a></p>	EN	<p><b>All India Test Series: Test 3490</b></p> <p>With reference to the Government Securities Acquisition Programme (G-SAP), consider the following statements:</p> <p>1. Under this program, RBI purchases the Government Securities from the market irrespective of the market sentiment. 2. It may reduce borrowing cost of the government. 3. It tends to depreciate the value of the Indian currency. Which of the statements</p>

		to buy dollars. Which of the statements given above are correct ? (a) 1 and 2 only (b) 2 and 3 only (c) 1 and 3 only (d) 1, 2 and 3		increase the demand for dollars and the supply of rupees, thereby leading to an increase in the rupee price of the dollar. <b>Hence statement 2 is correct.</b>  Interest rate movements in a foreign economy can stimulate action on the part of RBI. <b>If interest rates in the US or the EU were to fall, FIIs (Foreign Institutional investors) will ramp up investments in India.</b> The resultant demand for rupees will cause the rupee to appreciate. In response, RBI will buy dollars and inject rupees in to the system. <b>Hence statement 3 is correct.</b>	2022 meeting of RBI monetary policy committee to curb inflation.			4.html  <a href="https://www.moneycontrol.com/news/business/rbi-may-have-to-tolerate-high-yields-prioritise-inflation-experts-say-8502921.html">https://www.moneycontrol.com/news/business/rbi-may-have-to-tolerate-high-yields-prioritise-inflation-experts-say-8502921.html</a>		given above is/are correct? (a) 1 and 2 only (b) 2 only (c) 1 and 3 only (d) 1, 2 and 3
4	Current Affairs	With reference to the "G20 Common Framework", consider the following statements: 1. It is an initiative endorsed by the G20 together with the Paris Club. 2. It is an initiative to support Low Income Countries with unsustainable debt. Which of the statements given above is/are correct ? (a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2	C	The Common Framework for debt treatment beyond the DSSI (Common Framework) is an <b>initiative endorsed by the G20, together with the Paris Club</b> , to support, in a structural manner, <b>low income countries with unsustainable debt</b> . It is a way to temporarily ease the financing constraints for these countries and free up scarce money that they can instead use to mitigate the human and economic impact of the COVID-19 crisis. <b>Hence both statements 1 and 2 are correct.</b>	As the pandemic battered global economies, the Group of 20 leading economies launched measures, including a temporary debt service suspension for poor countries.	M	CA	<a href="https://www.imf.org/en/About/FAQ/sovereign-debt#s2q1">https://www.imf.org/en/About/FAQ/sovereign-debt#s2q1</a>  <a href="https://www.mef.gov.it/en/G20-Italy/common-framework.html">https://www.mef.gov.it/en/G20-Italy/common-framework.html</a>  <a href="https://www.thehindu.com/news/international/chad-becomes-first-country-to-ask-for-debt-overhaul-under-g20-common-framework/article33682498.ece">https://www.thehindu.com/news/international/chad-becomes-first-country-to-ask-for-debt-overhaul-under-g20-common-framework/article33682498.ece</a>	EN	<b>News Today:</b> April 24th-25th 2022
5	Economics	With reference to the Indian economy, what are the advantages of "Inflation-Indexed Bonds (IIBs)" ? 1. Government can reduce the coupon rates on its borrowing by way of IIBs.	A	<b>Inflation-indexed bonds in India were issued by the Reserve Bank of India (RBI) in 2013 and were benchmarked to Wholesale Price Index (WPI).</b>  <b>Inflation-indexed bonds are financial instruments that attempt to protect the bonds' purchasing power by tying interest and principal payments to an index of price changes.</b> Indexed bonds include two types of compensation, a real rate of return plus a compensation	IIBs were in news, as RBI tries to gauge demand for the same due to increasing inflation.	M	FA	file:///C:/Users/test/Downloads/[IMF%20Working%20Papers]%20The%20Ratio%20and%20Design%20of%20Inflation-Indexed%20Bonds.pdf	RM	<b>News today: 16th December 2021; PT 365 Economy: Page 34</b> <b>VisionIAS AITS: FLT: 3502</b> With reference to the Indian economy, consider the following statements: 1. Floating Rate Bonds are securities carrying a variable

		<p>2. IIBs provide protection to the investors from uncertainty regarding inflation.</p> <p>3. The interest received as well as capital gains on IIBs are not taxable.</p> <p>Which of the statements given above are correct ?</p> <p>(a) 1 and 2 only (b) 2 and 3 only (c) 1 and 3 only (d) 1, 2 and 3</p>	<p>for the erosion of purchasing power. Inflation component on principal will not be paid with interest but the same would be adjusted in the principal by multiplying principal with index ratio (IR). At the time of redemption, adjusted principal or the face, whichever is higher, would be paid. <b>Interest rate will be provided protection against inflation by paying fixed coupon rate on the principal adjusted against inflation. Hence statement 2 is correct.</b></p> <p>Economists have argued that inflation indexed bonds could reduce government borrowing costs. If the market overestimates future inflation, government will reduce borrowing costs by issuing inflation indexed bonds rather than nominal bonds. This may occur because, for example, investors' expectations are not completely forward-looking or rational. Alternatively, the government, because it is able to influence inflation through its policies, may have better information about the future course of inflation, or perhaps has more faith in its commitment to contain it than the public does. In these cases a treasury can lower its costs by issuing indexed bonds. For example, if coupon rate of IIBs is fixed 1.5 % above WPI (Whole sale price index) and current WPI is 4%, so effective rate will be 5.5% (4+1.5). In future, when WPI falls from 4% to 2%, then effective coupon rate will become 3.5% (i.e. 2+1.5) and thus government can reduce the coupon rates on its borrowing by way of IIBs through reducing inflationary trends. <b>Hence statement 1 is correct.</b></p> <p>Extant tax provisions will be applicable on interest payment and capital gains on IIBs. There will be no special tax treatment for these bonds. <b>Hence statement 3 is not correct.</b></p>			<p><a href="https://m.rbi.org.in/Scripts/FAQView.aspx?id=91">https://m.rbi.org.in/Scripts/FAQView.aspx?id=91</a></p> <p><a href="https://www.moneycontrol.com/news/trends/features-2/-1699593.html">https://www.moneycontrol.com/news/trends/features-2/-1699593.html</a></p>	<p>coupon rate during the term of the security.</p> <p>2. Zero-Coupon Bonds are the interest-bearing short-term bonds issued by the Central Government.</p> <p>3. Inflation-Indexed Bond (IIB) is a bond issued by the Sovereign (government), which provides the investor with a constant return irrespective of the level of inflation in the economy.</p>	
6	Economics	With reference to foreign-owned e-commerce firms, operating in India, which of the following statements is/are correct?	<p><b>B</b> Consumer Protection (E-Commerce) Rules, 2020 define e-commerce entity (also foreign owned) as any person who owns, operates or manages digital or electronic facility or platform for electronic commerce, <b>but does not include a seller offering his goods or services for sale on a marketplace e-commerce entity. Hence statement 1 is not correct.</b></p>	Draft of proposed amendments to the Consumer Protection (E-	D	FCA	<p><a href="https://consumeraffairs.nic.in/sites/default/files/E%20commerce%20rules.pdf">https://consumeraffairs.nic.in/sites/default/files/E%20commerce%20rules.pdf</a></p> <p><a href="https://dpiit.gov.in/sites/default">https://dpiit.gov.in/sites/default</a></p>	<p>R M</p> <p><b>Monthly Current Affairs: June 2021 (page 54)</b> <b>PT 365 Economy Page 92</b></p>

		<p>1. They can sell their own goods in addition to offering their platforms as market-places.</p> <p>2. The degree to which they can own big sellers on their platforms is limited. Select the correct answer using the code given below:</p> <p>(a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2</p>	<p>Marketplace based model of e-commerce means providing an IT platform by an e-commerce entity on a digital &amp; electronic network to act as a facilitator between buyer and seller. On other hand, Inventory based model of e-commerce means an e-commerce activity where inventory of goods and services is owned by e-commerce entity and is sold to the consumers directly. However, FDI is not permitted in inventory based model of e-commerce.</p> <p>According to guidelines for FDI (Foreign Direct Investment) on E-Commerce, E-commerce entity providing a marketplace will not exercise ownership or control over the inventory i.e. goods purported to be sold. Such an ownership or control over the inventory will render the business into inventory based model. <b>Inventory of a vendor will be deemed to be controlled by e-commerce marketplace entity if more than 25% of purchases of such vendor are from the marketplace entity or its group companies. Hence statement 2 is correct.</b></p>	<p>commerce) Rules, 2020 were in news.</p>			<p>t/files/pn3_2016_0.pdf</p> <p><a href="https://pib.gov.in/Pressreleaseshare.aspx?PRID=1595850">https://pib.gov.in/Pressreleaseshare.aspx?PRID=1595850</a></p>		
7	Economics	<p>Which of the following activities constitute real sector in the economy?</p> <p>1. Farmers harvesting their crops 2. Textile mills converting raw cotton into fabrics 3. A commercial bank lending money to a trading company 4. A corporate body issuing Rupee Denominated Bonds overseas</p> <p>Select the correct answer using the code given below:</p>	<p><b>A</b> The real sector of an economy is the key section as activities of this sector persuade economic output and is represented by those economic segments that are essential for the progress of GDP of the economy. <b>For instance, farmers harvesting their crops or textile mills converting raw cotton into fabrics ensure increase of economic output and in turn progress of GDP.</b> The sector is crucial for the sustainability of the economy because of its productive capability to meet nations' aggregate demand. <b>Hence statements 1 and 2 are correct.</b></p> <p>On other hand, the financial sector is a section of the economy made up of firms and institutions that provide financial services to commercial and retail customers. The financial sector generates a good portion of its revenue from loans and mortgages. This sector comprises a broad range of industries including banks, investment companies, insurance companies, and real</p>	<p>This question seeks to test the fundamental knowledge.</p>	E	F	<p><a href="https://www.investopedia.com/terms/f/financial_sector.asp">https://www.investopedia.com/terms/f/financial_sector.asp</a></p> <p><a href="https://www.imf.org/external/region/tlm/rr/pdf/Jan1.pdf">https://www.imf.org/external/region/tlm/rr/pdf/Jan1.pdf</a></p> <p>file:///C:/Users/test/Downloads/Relationship_Between_Financial_and_Real_Sectors_Im.pdf</p>	R M	

		(a) 1 and 2 only (b) 2, 3 and 4 only (c) 1, 3 and 4 only (d) 1, 2, 3 and 4		estate firms. Thus, <b>a commercial bank lending money to a trading company or a corporate body issuing rupee denominated bonds overseas constitute financial sector activities and not real sector activities. Hence statements 3 and 4 are not correct.</b>					
8	Economics	Which one of the following situations best reflects "Indirect Transfers" often talked about in media recently with reference to India ? (a) An Indian company investing in a foreign enterprise and paying taxes to the foreign country on the profits arising out of its investment (b) A foreign company investing in India and paying taxes to the country of its base on the profits arising out of its investment (c) An Indian company purchases tangible assets in a foreign country and sells such assets after their value increases and transfers the proceeds to India (d) A foreign company transfers shares and such shares derive their substantial value from assets located in India	D	Indirect transfers refer to situations where when foreign entities own shares or assets in India, the shares of such foreign entities are transferred instead of a direct transfer of the underlying assets in India. <b>Hence option (d) is the correct answer.</b>  The origin of retrospective taxation can be traced backed to 2012, When Vodafone Ltd. was retrospectively taxed by the Indian tax authorities for a 2007 deal. The 2012 act had amended the IT act to impose tax liability on the income earned from the sale of shares of a foreign company on a retrospective basis (i.e., also applicable to the transactions done before May 28, 2012). The amendments made by the 2012 Act clarified that if a company is registered or incorporated outside India, its shares will be deemed to be or have always been situated in India if they derive their value substantially from the assets located in India. As a result, the persons who sold such shares of foreign companies before the enactment of the Act (i.e., May 28, 2012) also became liable to pay tax on the income earned from such sale.  The Taxation Laws (Amendment) Act, 2021 nullifies the 'retrospective taxation' that was introduced with the Finance Act of 2012. It nullifies this tax liability imposed on such persons provided they fulfil certain conditions. These conditions are:  (i) if the person has filed an appeal or petition in this regard, it must be withdrawn or the person must submit an undertaking to withdraw it, (ii) if the person has initiated or given notice for any arbitration, conciliation, or mediation proceedings in this regard, the notices or claims under such	Taxation Laws (Amendment) Act, 2021 nullifies the retrospective taxation related to indirect transfers that was introduced with the Finance Act of 2012.	M	CAA	<a href="https://prsindia.org/billtrack/the-taxation-laws-amendment-bill-2021">https://prsindia.org/billtrack/the-taxation-laws-amendment-bill-2021</a>  <a href="https://economictimes.indiatimes.com/industry/indl-goods/svs/cement/adani-holcim-deal-and-the-legacy-vodafone-tax-issue/articleshow/91619826.cms?from=mdr">https://economictimes.indiatimes.com/industry/indl-goods/svs/cement/adani-holcim-deal-and-the-legacy-vodafone-tax-issue/articleshow/91619826.cms?from=mdr</a>  <a href="https://www2.deloitte.com/content/dam/Deloitte/in/Documents/tax/Global%20Business%20Tax%20Alert/in-tax-gbt-alert-indirect-transfer-provisions-to-apply-prospectively-from-28-may-2012-noexp.pdf">https://www2.deloitte.com/content/dam/Deloitte/in/Documents/tax/Global%20Business%20Tax%20Alert/in-tax-gbt-alert-indirect-transfer-provisions-to-apply-prospectively-from-28-may-2012-noexp.pdf</a>  <a href="https://www.nishithdesai.com/Content/document/pdf/Articles">https://www.nishithdesai.com/Content/document/pdf/Articles</a>	EN

			<p>proceedings must be withdrawn or the person must submit an undertaking to withdraw them,</p> <p>(iii) the person must submit an undertaking to waive the right to seek or pursue any remedy or claim in this regard, which may otherwise be available under any law in force or any bilateral agreement, and</p> <p>(iv) other conditions, as may be prescribed.</p> <p>The Act ensures that there cannot exist any future demand by the government for the collection of taxes on the basis of an amendment with retrospective effect. This Act makes the tax regime of India more predictable, increasing the scope of foreign investment into the country as it clarifies the stance of Indian Government on imposition of retrospective taxation.</p>			/171023_A_Indirect-Transfer-Taxation-in-India.pdf	
--	--	--	--	--	--	---	--



**"YOU ARE AS STRONG AS YOUR FOUNDATION"**

# FOUNDATION COURSE

## GS 2023

### PRELIMSCUMMANS

**Offline Classes will be available subject to government regulations and the safety of the students.**

**DELHI: 22 JUNE, 1 PM | 15 JUNE, 9 AM | 8 JUNE, 9 AM | 10 MAY, 1 PM**

**LUCKNOW: 25<sup>th</sup> June**    **CHANDIGARH: 21<sup>st</sup> June**    **JAIPUR: 22<sup>nd</sup> June**

**HYDERABAD: 13<sup>th</sup> June**    **AHMEDABAD: 21<sup>st</sup> April**    **PUNE: 20<sup>th</sup> June**

9	Economics	<p>With reference to the expenditure made by an organisation or a company, which of the following statements is/are correct?</p> <p>1. Acquiring new technology is capital expenditure.</p> <p>2. Debt financing is considered capital expenditure, while equity financing is considered revenue expenditure.</p> <p>Select the correct answer using the code given below:</p> <p>(a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2</p>	<p><b>A</b> Capital expenditures (CapEx) are funds used by a company to acquire, upgrade, and maintain physical assets such as property, plants, buildings, technology, or equipment. CapEx is often used to undertake new projects or investments by a company. Costs to upgrade or purchase software, investing in new technology and computer equipment, are considered part of Capital expenditure. As they are often employed to improve operational efficiency, increase revenue in the long term, or make improvements to the existing assets of a company. <b>Hence statement 1 is correct.</b></p> <p>When a company borrows money to be paid back at a future date with interest it is known as debt financing. It occurs when a firm sells fixed income products, such as bonds, bills, or notes. It could be in the form of a secured as well as an unsecured loan. Debt financing is the opposite of equity financing, which entails issuing stock to raise money. For example, reliance can choose debt financing, which entails selling fixed income products, such as bonds, bills, or notes, to investors to obtain the capital needed to grow and expand its operations. Both debt financing and equity financing are considered as part of capital receipts for the company, as capital receipts are receipts that create liabilities or reduce financial assets. Funds from these would be used by company for capital expenditure such as to grow or expand its operations. <b>Hence statement 2 is not correct.</b></p>	Capital & revenue expenditure fundamental topic.	E	F	<p><a href="https://www.investopedia.com/terms/d/debtfinancing.asp#:~:text=Debt%20financing%20occurs%20when%20a%20company%20raises%20money%20by%20selling,bonds%20C%20bills%20or%20notes.">https://www.investopedia.com/terms/d/debtfinancing.asp#:~:text=Debt%20financing%20occurs%20when%20a%20company%20raises%20money%20by%20selling,bonds%20C%20bills%20or%20notes.</a></p> <p><a href="https://www.business-standard.com/about/what-is-capital-receipts#:~:text=Capital%20receipts%20are%20receipts%20that,crucial%20part%20of%20capital%20receipts.">https://www.business-standard.com/about/what-is-capital-receipts#:~:text=Capital%20receipts%20are%20receipts%20that,crucial%20part%20of%20capital%20receipts.</a></p> <p><a href="https://www.investopedia.com/ask/answers/112814/what-are-some-examples-main-types-capital-expenditures-capex.asp">https://www.investopedia.com/ask/answers/112814/what-are-some-examples-main-types-capital-expenditures-capex.asp</a></p>	R M	<p><b>PT 365 Economy Page 20 VisionIAS Prelims Test 3490</b></p> <p>Consider the following:</p> <ol style="list-style-type: none"> <li>1. Clothes bought by kids</li> <li>2. Coffee machines in the cafeteria</li> <li>3. Tea leaves purchased by a restaurant</li> </ol> <p>Which of the above are examples of Capital Goods?</p> <p><b>Test 3495 (AITS 2022): Explanation</b></p> <p>It is a financial instrument which is a hybrid of debt &amp; equity financing that gives the lender the right to convert to an ownership or equity interest in the company in case of default, generally, after venture capital companies and other senior lenders are paid. Which among the following financial instruments is best described by the above passage?</p> <ol style="list-style-type: none"> <li>(a) Mezzanine Financing</li> <li>(b) Invoice Financing</li> <li>(c) Senior Debt</li> <li>(d) Debt Financing</li> </ol>
10	Economics	<p>With reference to the Indian economy, consider the following statements :</p> <p>1. A share of the household financial savings goes towards government</p>	<p><b>C</b> Household financial savings refer to currency, bank deposits, debt securities, mutual funds, pension funds, insurance, and investments in small savings schemes by households. The net household financial savings was 11.5 percent of GNDI (gross national disposal income) in 2020-21. A part of this financial saving goes toward government borrowing. As government borrows through the issue of government securities called G-secs and Treasury Bills. It</p>	Internal debt & Household financial savings are important topics and often are in	M	FA	<p><a href="https://dea.gov.in/sites/default/files/Final%20Status%20paper%202020-21.pdf">https://dea.gov.in/sites/default/files/Final%20Status%20paper%202020-21.pdf</a></p> <p>Page 8</p>	R M	

borrowings.  
2. Dated securities issued at market-related rates in auctions form a large component of internal debt.  
Which of the above statements is/are correct ?  
(a) 1 only  
(b) 2 only  
(c) Both 1 and 2  
(d) Neither 1 nor 2

borrow from the market, small savings funds, state provident funds, external assistance and short-term borrowings. Any adverse movement in the household savings will have a significant bearing on banks, insurance companies and mutual/provident funds, who, in turn, are key investors in government securities. **Hence statement 1 is correct.**  
The Central Government Debt includes all liabilities of Central Government contracted against the Consolidated Fund of India (defined as Public Debt). Public debt is further classified into internal and external debt. Internal debt consists of marketable debt and non-marketable debt. Marketable debt comprises of Government dated securities and Treasury Bills, issued through auctions. Non-marketable debt comprises of intermediate Treasury Bills (14 days ITBs) issued to State Governments/UTs as well as select Central Banks, special securities issued against small savings, special securities issued to public sector banks/EXIM Bank, securities issued to international financial institutions, and compensation and other bonds.  
All marketable securities i.e. Dated securities and Treasury bills are issued through auctions as per the schedule notified through halfyearly/quarterly auction calendars. As at end-March 2021, outstanding amounts under dated securities stood at 71.7 lakh crore (36.3 per cent of GDP) and accounted for 68.1 per cent of the total Public Debt. **Hence statement 2 is correct.**

news.

<https://www.financialexpress.com/opinion/how-critical-are-household-savings-for-government-borrowing/1542170/>

<https://rbidocs.rbi.org.in/rdocs/AnnualReport/PDFs/ORBIAR2021226AD1119FF6674A13865C988DF70B4E1A.PDF>

Table 1.2: Debt Position of the Central Government

Components	(in ₹ crore)						
	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
1	2	3	4	5	6	7	8
A. Public Debt (A1+A2)	5104675	5711424	6149818	6846557	7549380	8564884	10522209
A1. Internal Debt (a+b)	4738291	5304835	5741710	6401275	7074941	8020490	9908380
a. Marketable Securities (i+ii)	4309003	4738296	5049107	5509845	5988711	6586225	7839306
(i) Dated Securities	3959552	4363607	4714305	5124562	5547829	6021815	7168555
(ii) Treasury Bills	349451	364694	334802	385283	420882	458410	609950
(iii) Cash Management Bills	-	-	-	-	-	-	80000
b. Non-marketable Securities (i to vii)	429288	576539	692602	891430	1106230	1460265	2048874
(i) 14 Day Intermediate T-Bills	85678	121127	156570	151038	122336	154911	205576
(ii) Compensation & Other Bonds <sup>1</sup>	14930	13935	25108	51209	57059	67285	104267
(iii) Securities issued to Int. Fin. Institutions	46395	106726	108740	104370	106523	101909	99138
(iv) Securities against small savings	261391	313856	381291	483919	608919	848919	1332652
(v) Special Sec. against POLIF	20894	20894	20894	20894	20894	20894	20894
(vi) Special Securities issued to PSB/ EXIM Bank/ IDBI Bank/ HFCL	0	0	0	80000	190500	266347	286348
(vii) External Debt <sup>2</sup>	366384	406589	408108	445282	474439	544194	614829
B. Public Account - Other Liabilities (a to c)	761717	815825	857442	914568	995771	1370243	1274024
(a) National Small Savings Fund	101896	130320	142548	136440	149847	125980	213653
(b) State Provident Fund	155334	167193	184938	200737	216795	228430	246944
(c) Other Accounts	315630	319800	321857	324613	326619	435790	440479
(d) Reserve Funds and Deposit (i+ii)	188857	198512	208099	222758	302510	304444	313948
(i) Bearing Interest	108767	124340	128981	143908	211436	160862	215480
(ii) Not bearing interest	80090	74273	79118	108850	91074	143582	118469

11	Polity & Governance	<p>Consider the following statements :</p> <ol style="list-style-type: none"> <li>1. Pursuant to the report of H.N. Sanyal Committee, the Contempt of Courts Act, 1971 was passed.</li> <li>2. The Constitution of India empowers the Supreme Court and the High Courts to punish for contempt of themselves.</li> <li>3. The Constitution of India defines Civil Contempt and Criminal Contempt.</li> <li>4. In India, the Parliament is vested with the powers to make laws on Contempt of Court.</li> </ol> <p>Which of the statements given above is/are correct ?</p> <ol style="list-style-type: none"> <li>(a) 1 and 2 only</li> <li>(b) 1, 2 and 4</li> <li>(c) 3 and 4 only</li> <li>(d) 3 only</li> </ol>	<p><b>B</b> <b>Statement 1 is correct:</b> A committee was set up in 1961 under the chairmanship of the late H N Sanyal, the then additional solicitor general. The committee made a comprehensive examination of the law and problems relating to contempt of court in the light of the position obtaining in our own country and various foreign countries. The recommendations, which the committee made, took note of the importance given to freedom of speech in the Constitution and of the need for safeguarding the status and dignity of courts and interests of administration of justice.</p> <p><b>Statement 2 is correct:</b> Article 129 of the Constitution gives the Supreme Court the power to initiate contempt cases on its own, independent of the motion brought before it by the Attorney General (AG) or with the consent of the AG.</p> <p><b>Statement 3 is not correct and Statement 4 is correct:</b> Contempt of court seeks to protect judicial institutions from motivated attacks and unwarranted criticism, and as a legal mechanism to punish those who lower its authority. The expression 'contempt of court' has not been defined by the Constitution. The Contempt of Court Act, 1971 defines both civil and criminal contempt. Hence the Parliament is vested with the powers to make laws regarding contempt of court.</p>	Recently, Supreme Court held that No law can take away court's power to punish for contempt.	E	FCA	<p>Laxmikanth Indian Polity <a href="https://www.lsgalserviceindia.com/article/1255-Contempt-of-Court.html">https://www.lsgalserviceindia.com/article/1255-Contempt-of-Court.html</a></p> <p><a href="https://indianexpress.com/article/india/sc-even-law-cant-take-away-power-to-punish-for-contempt-7542797/">https://indianexpress.com/article/india/sc-even-law-cant-take-away-power-to-punish-for-contempt-7542797/</a></p>	E M	<p><b>PT 365 Polity Page 27 All India Test Series FLT: Test 3500 (statement 2)</b></p> <p>With reference to contempt of court, consider the following statements:</p> <ol style="list-style-type: none"> <li>1. The consent of the Attorney General of India is mandatory when a private citizen wants to initiate a case of contempt of court against a person.</li> <li>2. Constitution empowers the Supreme Court to initiate contempt cases on its own.</li> <li>3. The Attorney General brings in a motion before the Supreme Court and High Courts for initiating a case of criminal contempt.</li> </ol> <p>Which of the statements given above is/are correct?</p> <p><b>Explanation:</b> Article 129 of the Constitution gives the Supreme Court the power to initiate contempt cases on its own, independent of the motion brought before it by the AG or with the consent of the AG.</p> <p><b>Explanation Test 3495: Statement 3 and Statement 4</b> The expression 'contempt of court' has not been defined by the Constitution. The Contempt of Court Act, 1971 defines both civil and criminal contempt.</p>
----	---------------------	---	--	--	---	-----	--	-----	---

									<p>Civil contempt refers to the wilful disobedience of an order of any court.</p> <p>Criminal contempt includes any act or publication which: 'scandalises' the court, or prejudices any judicial proceeding, or interferes with the administration of justice in any other manner.</p> <p>'Scandalising the Court' broadly refers to statements or publications which have the effect of undermining public confidence in the judiciary.</p> <p>The superior courts (Supreme Court and High Courts) derive their contempt powers from the Constitution. The Act only outlines the procedure in relation to investigation and punishment for contempt. Therefore, deletion of the offence from the Act will not impact the inherent constitutional powers of the superior courts to punish anyone for its contempt. These powers will continue to remain, independent of the 1971 Act.</p>
12	Polity & Governance	With reference to India, consider the following statements : 1. Government law officers and legal firms are recognised as advocates, but	<b>B</b> The role of the legal profession in society is manifold—its members are flag-bearers of the rule of law and they defend fundamental rights. Along with these responsibilities, members of the legal profession have been conferred significant power and privileges as officers of the court. First, <b>only advocates have the right to access and represent others in a court of law.</b>	After widespread opposition from lawyers to the <b>new rules of</b>	D	FCA	<a href="https://www.epw.in/journal/2018/2/commentary/reformation-legal-profession-interest-justice.html">https://www.epw.in/journal/2018/2/commentary/reformation-legal-profession-interest-justice.html</a>	EN	<p><b>All India Test Series Test 3480: Statement 2</b></p> <p>With reference to the Bar Council of India, consider the following statements:</p> <p>1. It is established under the Arbitration and Conciliation</p>

		<p>corporate lawyers and patent attorneys are excluded from recognition as advocates.</p> <p>2. Bar Councils have the power to lay down the rules relating to legal education and recognition of law colleges.</p> <p>Which of the statements given above is/are correct ?</p> <p>(a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2</p>	<p>No citizen, other than an advocate, has the right to appear, act, or plead in court. <b>Second, in India, the term “legal professionals” refers only to those “advocates” who are law graduates and have been enrolled in state bar councils (SBCs).</b></p> <p><b>Statement 1 is not correct:</b> An emerging class of legal professionals engaged with various law-related activities—such as <b>government law officers, corporate lawyers, law firms, law professors, legal researchers, and patent attorneys—have been excluded from recognition as advocates.</b></p> <p>Third, the judiciary has clarified the otherwise <b>undefined concept of “practice of law” to include all forms of legal activities, including both litigious and non-litigious work</b>, such as appearing in court, drafting, giving opinions, performing transactional work, consulting, arbitrating, mediating, filing vakalatnamas (power of attorney), and working as legal officers. <b>Thus, “advocates” enrolled in bar councils enjoy exclusive monopoly over the right to practise law in all courts, tribunals, and other authorities in India.</b></p> <p><b>Statement 2 is correct: The Advocates Act, 1961</b>, enacted with the objective of creating “a unified Bar for the whole country with monopoly in legal practice and autonomy in matters of professional management,” <b>conferred the Bar Council of India (BCI) and SBCs with the power to self-regulate the profession and lay down rules relating to admission and enrolment, conditions of practice, standards of professional conduct and etiquette, disciplinary proceedings, legal education, recognition of law colleges, and welfare activities.</b></p> <p>These powers were granted to the bar councils to promote the administration of justice and uphold the dignity of the profession in the eyes of the common people.</p>	<p><b>conduct notified by the Bar Council of India (BCI)</b>, the Council has now set up a review committee and announced that these rules will not be implemented for now. <b>The new rules triggered a controversy as they seek to prevent lawyers from publicly criticising judges and bar councils.</b></p>		<p><a href="https://www.indiatoday.in/law/story/bci-forms-panel-to-review-new-rules-that-prevent-lawyers-from-criticising-judges-bar-councils-1821331-2021-06-30">https://www.indiatoday.in/law/story/bci-forms-panel-to-review-new-rules-that-prevent-lawyers-from-criticising-judges-bar-councils-1821331-2021-06-30</a></p> <p><a href="https://www.indiatoday.in/law/story/bar-council-india-amends-rules-curb-criticism-against-judges-1819920-2021-06-27">https://www.indiatoday.in/law/story/bar-council-india-amends-rules-curb-criticism-against-judges-1819920-2021-06-27</a></p>	<p>Act, 1996.</p> <p>2. The Solicitor General of India is the ex officio member of the Bar Council of India.</p> <p>3. It is responsible for setting standards of legal education in India.</p> <p>Which of the statements given above is/are correct?</p>		
13	Polity & Governance	<p>Consider the following statements :</p> <p>1. A bill amending the Constitution requires a prior recommendation</p>	<p><b>B</b> An amendment of the Constitution can be initiated only by the introduction of a bill for the purpose in either House of Parliament and not in the state legislatures.</p> <p><b>Statement 1 is not correct:</b> The bill can be introduced either by a minister or by a private member and does</p>	<p>The new rules triggered a controversy as they</p>	E	F	Laxmikanth Indian Polity	EM	<p><b>All India Test Series Test 3471</b></p> <p>Consider the following statements in the context of the Constitutional amendment bill:</p>

		<p>of the President of India.</p> <p>2. When a Constitution Amendment Bill is presented to the President of India, it is obligatory for the President of India to give his/her assent.</p> <p>3. A Constitution Amendment Bill must be passed by both the Lok Sabha and the Rajya Sabha by a special majority and there is no provision for joint sitting. Which of the statements given above are correct ?</p> <p>(a) 1 and 2 only  (b) 2 and 3 only  (c) 1 and 3 only  (d) 1, 2 and 3</p>	<p>not require prior permission of the president. The bill must be passed in each House by a special majority, that is, a majority (that is, more than 50 per cent) of the total membership of the House and a majority of two-thirds of the members of the House present and voting.</p> <p><b>Statement 3 is correct:</b> Each House must pass the bill separately. In case of a disagreement between the two Houses, there is no provision for holding a joint sitting of the two Houses for the purpose of deliberation and passage of the bill.</p> <p>If the bill seeks to amend the federal provisions of the Constitution, it must also be ratified by the legislatures of half of the states by a simple majority, that is, a majority of the members of the House present and voting.</p> <p>After duly passed by both the Houses of Parliament and ratified by the state legislatures, where necessary, the bill is presented to the president for assent.</p> <p><b>Statement 2 is correct:</b> The president must give his assent to the bill (24th Constitutional Amendment Act, 1967). He can neither withhold his assent to the bill nor return the bill for reconsideration of the Parliament. After the president's assent, the bill becomes an Act (i.e., a constitutional amendment act) and the Constitution stands amended in accordance with the terms of the Act."</p>	<p>seek to prevent lawyers from publicly criticising judges and bar councils.</p>		<p>1. It can be introduced in either House of Parliament.</p> <p>2. It can be introduced by a minister only.</p> <p>3. If it is duly passed by both the Houses of Parliament, the President must give his assent to the bill.</p> <p>Which of the statements given above are correct?</p> <p><b>Explanation:</b> The procedure for the amendment of the Constitution as laid down in Article 368 is as follows: An amendment of the Constitution can be initiated only by the introduction of a bill for the purpose in either House of Parliament and not in the state legislatures. The bill can be introduced either by a minister or by a private member and <b>does not require prior permission of the president.</b></p> <p><b>The bill must be passed in each House by a special majority, that is, a majority (that is, more than 50 per cent) of the total membership of the House and a majority of two-thirds of the members of the House present and voting.</b></p> <p>Each House must pass the bill separately. In case of a disagreement between the two Houses, <b>there is no provision for holding a joint sitting of the two Houses for</b></p>
--	--	--	--	---	--	---

									<p><b>the purpose of deliberation and passage of the bill.</b></p> <p>If the bill seeks to amend the federal provisions of the Constitution, it must also be ratified by the legislatures of half of the states by a simple majority, that is, a majority of the members of the House present and voting.</p> <p>After duly passed by both the Houses of Parliament and ratified by the state legislatures, where necessary, the bill is presented to the president for assent.</p> <p><b>The president must give his assent to the bill.</b> He can neither withhold his assent to the bill nor return the bill for reconsideration of the Parliament.</p> <p>After the president's assent, the bill becomes an Act (i.e., a constitutional amendment act) and the Constitution stands amended in accordance with the terms of the Act."</p>
14	Polity & Governance	<p>Consider the following statements :</p> <p>1. The Constitution of India classifies the ministers into four ranks viz. Cabinet Minister, Minister of State with Independent Charge, Minister of State and Deputy Minister.</p>	<p><b>B Statement 1 is not correct:</b> The Council of Ministers is a constitutional body. Article 74 of the Constitution provides that there shall be a Council of Ministers with the Prime Minister at the head to aid and advise the President who shall, in the exercise of his functions, act in accordance with such advice.</p> <p><b>However, its classification is not mentioned in the Constitution. The classification of the central council of ministers into a three-tier body (Cabinet Ministers, Ministers of State, and Deputy Ministers) is based on British parliamentary conventions.</b></p>	<p>Recently, the Union Government expanded its Council of Ministers to 77 by inducting new ministers and</p>	E	F	Laxmikant Indian Polity	E M	<p><b>All India Test Series FLT Test 3504</b></p> <p>Consider the following statements:</p> <p>1. The central council of ministers is a constitutional body.</p> <p>2. The size and classification of the central council of ministers are mentioned in the Indian Constitution.</p>

		<p>2. The total number of ministers in the Union Government, including the Prime Minister, shall not exceed 15 percent of the total number of members in the Lok Sabha.</p> <p>Which of the statements given above is/are correct ?</p> <p>(a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2</p>	<p><b>Statement 2 is correct:</b> The 91st Amendment, 2003 to the Constitution introduced Article 75(1A), which states that the Union Council of Ministers cannot exceed more than 15 percent of the number of MPs in the Lok Sabha.</p>	<p>promoting junior ministers.</p>		<p>Which of the following is correct with reference to the above statements?</p> <p>(a) Both Statement 1 and Statement 2 are correct and Statement 2 is the correct explanation for Statement 1. (b) Both Statement 1 and Statement 2 are correct but Statement 2 is not the correct explanation for Statement 1. (c) Statement 1 is correct but Statement 2 is not correct. (d) Statement 1 is not correct but Statement 2 is correct.</p> <p><b>Explanation:</b> The 91st Amendment to the Constitution introduced Article 75(1A), which states that the Union Council of Ministers cannot exceed more than 15 percent of the number of MPs in the Lok Sabha.</p> <p>The Council of Ministers is a constitutional body. Article 74 of the Constitution provides that there shall be a Council of Ministers with the Prime Minister at the head to aid and advise the President who shall, in the exercise of his functions, act in accordance with such advice.</p> <p><b>However, its classification is not mentioned in the Constitution.</b> But the maximum size of council of ministers (15% of the number</p>
--	--	---	--	------------------------------------	--	---

									of MPs in Lok Sabha) was mentioned. The classification of the central council of ministers into a three-tier body (Cabinet Ministers, Ministers of State, and Deputy Ministers) is based on British parliamentary conventions.	
15	Polity & Governance	Which of the following is/are the exclusive power(s) of Lok Sabha? 1. To ratify the declaration of Emergency 2. To pass a motion of no-confidence against the Council of Ministers 3. To impeach the President of India Select the correct answer using the code given below: (a) 1 and 2 (b) 2 only (c) 1 and 3 (d) 3 only	B	<p><b>Option 1 is not correct:</b> Under Article 352, the President can declare a national emergency when the security of India or a part of it is threatened by war or external aggression or armed rebellion. The President can declare a national emergency even before the actual occurrence of war or armed rebellion or external aggression Parliamentary approval and duration.</p> <p><b>The proclamation of emergency must be approved by both the houses of parliament within one month from the date of its issue.</b> If approved by both the houses, the Emergency continues for 6 months and can be extended to an indefinite period with an approval of the Parliament for every six months.</p> <p>Every resolution approving the proclamation of emergency or its continuance must be passed by either House of Parliament by a special majority.</p> <p><b>Option 2 is correct: Article 75</b> of the Constitution says that the council of ministers shall be collectively responsible to the Lok Sabha. It means that the ministry stays in office so long as it enjoys the confidence of the majority of the members of the Lok Sabha. <b>In other words, the Lok Sabha can remove the ministry from office by passing a no-confidence motion.</b> The motion needs the support of 50 members to be admitted.</p> <p><b>Option 3 is not correct:</b> Article 61 of the Indian Constitution states that when a President is to be</p>	This question seeks to test the fundamental knowledge.	E	F	Laxmikanth Indian Polity	E M	<p><b>All India Test Series: Test 3493; Test 3470:</b> Option 1 Consider the following statements regarding National Emergency: 1. Approval of parliament is necessary for the revocation of the National Emergency. 2. Maximum time period for the operation of the National Emergency is three years. Which of the statements given above is/are correct?</p> <p><b>Test 3703 Open Test/ Abhyaas(2022):</b> Consider the following statements: 1. Prior to 1962 there were Parliamentary Constituencies where two members were elected from the same constituency. 2. More than a hundred no-confidence motions have been passed in Lok Sabha since independence. 3. Since independence the voter turnout percentage in</p>

			<p>impeached for violation of the Constitution, the charge shall be preferred by either House of Parliament.  <b>Either Lok Sabha or Rajya Sabha can initiate the process for the removal of the President of India.</b></p>					<p>general Lok Sabha elections has been increasing continuously.  Which of the statements given above is/are correct?  Test 3499: Option 3  With reference to the Impeachment procedure of the President of India and the USA, consider the following statements:  1. While the ground for the impeachment of the Indian President is the Violation of the Constitution, for the President of the USA there are no specific grounds.  2. Only the Lower House of the Legislature can initiate the process for the impeachment of the President of India as well as the USA.  Which of the statements given above is/are correct?</p>
16	Polity & Governance	<p>With reference to anti-defection law in India, consider the following statements:  1. The law specifies that a nominated legislator cannot join any political party within six months of being appointed to the House.  2. The law does not provide any time-frame within which the presiding officer has to decide a</p>	<p><b>B</b> To tackle the scourge of political defection, in 1969, a <b>committee chaired by Home Minister Y B Chavan examined the issue of defection. It observed that after the 1967 general elections</b>, defections changed the political scene in India as 176 of 376 independent legislators later joined a political party.  <b>The next legislative attempt, in 1978, allowed independent and nominated legislators to join a political party once.</b>  <b>With rising public opinion for an anti-defection law</b>, immediately after securing a clear majority in 1984, the <b>Rajiv Gandhi's government proposed the new anti-defection bill in the Parliament.</b> After marathon debates, both the Lok Sabha and Rajya Sabha unanimously approved the bill and <b>through the 52nd amendment to the Constitution of India, the Tenth</b></p>	<p>Anti-defection laws are frequently in the news. Recently, the Calcutta High Court has given West Bengal Assembly Speaker a deadline to</p>	E	F	Laxmikanth Indian Polity	<p><b>E M</b> <b>PT 365 Polity Page 36. Vision IAS Test Series: Test 3493</b>  With reference to the Anti-Defection Law in India consider the following statements:  1. Anti-Defection Law was enacted on the recommendation of the Y.B Chavan committee.  2. A legislator's speech and conduct inside the legislature cannot be used to disqualify him under the Anti-Defection Law.</p>

		<p>defection case. Which of the statements given above is/are correct ? (a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2</p>	<p><b>Schedule was inserted into the constitution.</b> <b>The Tenth Schedule contains the following provisions with respect to the disqualification of members of Parliament and the state legislatures on the ground of defection:</b></p> <p><b>Members of Political Parties:</b> A member of a House belonging to any political party becomes disqualified for being a member of the House, -if he voluntarily gives up his membership of such political party or -if he votes or abstains from voting in such House contrary to any direction issued by his political party without obtaining prior permission of such party and such act has not been condoned by the party within 15 days. -In the case of 'voluntarily giving up his membership,' the Supreme Court has interpreted that in the absence of a formal resignation by the member, the giving up of membership can be inferred by his conduct. In other judgments, members who have publicly expressed opposition to their party or support for another party were deemed to have resigned.</p> <p>Thus, a legislator's speech and conduct inside and outside the legislature can lead to disqualification under the anti-defection law.</p> <p><b>Independent Members:</b> An independent member of a House (elected without being set up as a candidate by any political party) becomes disqualified to remain a member of the House if he joins any political party after such election.</p> <p><b>Statement 1 is not correct: Nominated Members:</b> A nominated member of a House becomes disqualified for being a member of the House if he joins any political party after the expiry of six months from the date on which he takes his seat in the House. This means that <b>he may join any political party within six months of taking his seat in the House without inviting this disqualification.</b></p>	<p>pass an order in the defection case.</p>			<p>3. Under this law, the presiding officer of legislature has to decide on a disqualification case brought before him within six months. Which of the statements given above is/are not correct?</p>
--	--	--	---	---	--	--	---

			<p><b>Exceptions:</b></p> <p>The above disqualification on the ground of defection does not apply in the following two cases:</p> <p>If a member goes out of his party as a result of a merger of the party with another party. A merger takes place when two-thirds of the members of the party have agreed to such a merger.</p> <p>If a member, after being elected as the presiding officer of the House, voluntarily gives up the membership of his party or rejoins it after he ceases to hold that office. This exemption has been provided in view of the dignity and impartiality of this office.</p> <p><b>Statement 2 is correct:</b> The Anti-Defection Law does not specify a time period for the Presiding Officer to decide on a disqualification plea. Given that courts can intervene only after the Presiding Officer has decided on the matter, the petitioner seeking disqualification has no option but to wait for this decision to be made.</p>					
--	--	--	--	--	--	--	--	--



**लाइव / ऑनलाइन कक्षाएं भी उपलब्ध**

# फाउंडेशन कोर्स सामान्य 2023 अध्ययन

प्रारंभिक एवं मुख्य परीक्षा

**DELHI: 24 June, 1 PM | 5 April, 9 AM**

**LUCKNOW: 23 June, 9 AM**      **JAIPUR: 22 June**

17	Polity & Governance	<p>Consider the following statements :</p> <p>1. Attorney General of India and Solicitor General of India are the only officers of the Government who are allowed to participate in the meetings of the Parliament of India.</p> <p>2. According to the Constitution of India, the Attorney General of India submits his resignation when the Government which appointed him resigns.</p> <p>Which of the statements given above is/are correct ?</p> <p>(a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2</p>	<p><b>D</b> <b>Statement 1 is not correct:</b> Article 76 of the constitution provides for the office of Attorney General of India and he is the highest law officer in the country. The Solicitor General of India assists Attorney General to fulfil his official duties and responsibilities. In the performance of his official duties, the Attorney General (AG) has the right of audience in all courts in the territory of India. <b>Further, he has the right to speak and to take part in the proceedings of both the Houses of Parliament or their joint sitting and any committee of the Parliament of which he may be named a member, but without a right to vote.</b> He enjoys all the privileges and immunities that are available to a member of Parliament. <b>The Solicitor General of India is not allowed to participate in the meetings of the Parliament.</b></p> <p><b>Statement 2 is not correct:</b> The term of office of the AG is not fixed by the Constitution. Further, the Constitution does not contain the procedure and grounds for his removal. He holds office during the pleasure of the president. This means that he may be removed by the president at any time. He may also quit his office by submitting his resignation to the president. <b>Conventionally, he resigns when the government (council of ministers) resigns or is replaced, as he is appointed on its advice.</b></p>	This question seeks to test the fundamental knowledge.	M	F	Laxmikanth Indian Polity	E M	<p><b>All India Test Series: Test 3479</b></p> <p><b>Consider the following statements:</b></p> <p>1. A minister who is not a member of either House, cannot participate in a joint sitting of both the Houses.</p> <p>2. A minister belonging to the Lok Sabha can participate in the proceedings of Rajya Sabha without being entitled to vote.</p> <p>3. The attorney general of India can speak and take part in the proceedings of either house but not in a joint sitting of both the Houses.</p> <p>Which of the statements given above is/are correct?</p> <p><b>Test 3470:</b> Consider the following statements regarding the Attorney General of India:</p> <p>1. Article 76 of the Indian constitution provides for the office of the Attorney General of India.</p> <p>2. He is subordinate to and assists the Solicitor General of India.</p> <p>Which of the statements given above is/are correct?</p>
18	Polity & Governance	<p>With reference to the writs, issued by the Courts in India, consider the following statements :</p> <p>1. Mandamus will not lie against a private</p>	<p><b>C</b> Mandamus literally means 'we command'. It is a command issued by the court to a public official asking him to perform the official duties that he has failed or refused to perform.</p> <p><b>Statement 2 is not correct:</b> It can also be issued against any public body, a corporation, an inferior court, a tribunal, or government for the same purpose.</p>	This question seeks to test the fundamental knowledge.	E	F	Laxmikanth Indian Polity	E M	<p><b>All India Test Series: Test 3470:</b></p> <p>Consider the following statements:</p> <p>1. Only an aggrieved person can seek a Quo-Warranto writ.</p>

		<p>organisation unless it is entrusted with a public duty.</p> <p>2. Mandamus will not lie against a Company even though it may be a Government Company.</p> <p>3. Any public minded person can be a petitioner to move the Court to obtain the writ of Quo Warranto. Which of the statements given above are correct ?</p> <p>(a) 1 and 2 only (b) 2 and 3 only (c) 1 and 3 only (d) 1, 2 and 3</p>	<p><b>Statement 1 is correct:</b> The writ of mandamus cannot be issued:</p> <ul style="list-style-type: none"> <li>- against a private individual or body.</li> <li>- to enforce departmental instruction that does not possess statutory force.</li> <li>- when the duty is discretionary and not mandatory to enforce a contractual obligation.</li> <li>- against the president of India or the state governors.</li> <li>- against the chief justice of a high court acting in a judicial capacity.</li> </ul> <p><b>Statement 3 is correct:</b> Quo Warranto means 'by what authority or warrant'. It is issued by the court to enquire into the legality of the claim of a person to a public office. Hence, it prevents illegal usurpation of public office by a person.</p> <p>The writ can be issued only in case of a substantive public office of a permanent character created by a statute or by the Constitution. It cannot be issued in cases of ministerial office or private office. <b>Any interested person and not necessarily the aggrieved person can seek Quo Warranto writ.</b></p>						<p>2. Mandamus cannot be issued against a private individual.</p> <p>3. Certiorari can be issued even against administrative authorities.</p> <p>Which of the statements given above is/are correct?</p>
19	Current Affairs	<p>With reference to Ayushman Bharat Digital Mission, consider the following statements :</p> <ol style="list-style-type: none"> <li>1. Private and public hospitals must adopt it.</li> <li>2. As it aims to achieve universal health coverage, every citizen of India should be part of it ultimately.</li> <li>3. It has seamless portability across the country.</li> </ol> <p>Which of the statements given above is/are correct ?</p>	<p><b>B</b> The Union Cabinet, chaired by Prime Minister Shri Narendra Modi has approved the national roll-out of <b>Central Sector Scheme, Ayushman Bharat Digital Mission (ABDM) of Ministry of Health and Family Welfare</b>, Government of India, with a budget of Rs.1,600 crore for five years. <b>The National Health Authority (NHA) will be the implementing agency of Ayushman Bharat Digital Mission (ABDM).</b></p> <p><b>Statement 1 is not correct: Participation in ABDM is voluntary including for citizens. Participation of a healthcare facility or an institution is also voluntary and shall be taken by the respective management (government or private management).</b> However, once the management decides to register the respective healthcare facility/institution in ABDM, it is essential for all the healthcare professionals serving the said facility/institution to register in Healthcare Professionals Registry so that the institution can become fully</p>	The scheme was recently launched.	M	CA	<a href="https://ndhm.gov.in/faq">https://ndhm.gov.in/faq</a>	EM	<p><b>VisionIAS Monthly Current Affairs Magazine November 2021: Page 89</b></p> <p><b>Vision IAS Feb MCAR Question:</b></p> <p>Consider the following statements about Ayushman Bharat Digital Mission (ABDM):</p> <ol style="list-style-type: none"> <li>1. It aims to provide digital health IDs for all Indian citizens.</li> <li>2. It creates interoperability within the digital health ecosystem.</li> <li>3. National Health Authority (NHA) is implementing agency for it.</li> </ol> <p>Which of the statements</p>

		(a) 1 and 2 only (b) 3 only (c) 1 and 3 only (d) 1, 2 and 3	<p>integrated with the National Digital Health Ecosystem (NDHE).</p> <p><b>Statement 2 is not correct and statement 3 is correct: Ayushman Bharat Digital Mission will connect the digital health solutions of hospitals across the country with each other.</b> Based on the foundations laid down in the form of Jan Dhan, Aadhaar and Mobile (JAM) trinity and other digital initiatives of the government, <b>Ayushman Bharat Digital Mission (ABDM) is creating a seamless online platform</b> through the provision of a wide-range of data, information and infrastructure services, duly leveraging open, interoperable, standards-based digital systems while ensuring the security, confidentiality and privacy of health-related personal information.</p> <p><b>Under the ABDM, citizens will be able to create their ABHA (Ayushman Bharat Health Account) numbers, to which their digital health records can be linked.</b> This will enable creation of longitudinal health records for individuals across various healthcare providers, and improve clinical decision making by healthcare providers. The mission will improve equitable access to quality healthcare by encouraging use of technologies such as telemedicine and enabling national portability of health services.</p>					given above is/are correct?
20	Polity & Governance	<p>With reference to Deputy Speaker of Lok Sabha, consider the following statements:</p> <ol style="list-style-type: none"> <li>As per the Rules of Procedure and Conduct of Business in Lok Sabha, the election of Deputy Speaker shall be held on such date as the Speaker may fix.</li> <li>There is a mandatory provision</li> </ol>	<p><b>A</b> Under Article 94, the speaker resigns from his office by writing to the Deputy Speaker.</p> <p><b>Statement 4 is not correct:</b> Article 93 provides for “The House of the People shall, as soon as may be, choose two members of the House to be respectively Speaker and Deputy Speaker thereof and, so often as the office of Speaker and Deputy Speaker becomes vacant, the House shall choose another member to be Speaker or Deputy Speaker, as the case may be.”</p> <p><b>Statement 1 is correct:</b> Being an important constitutional office, <b>the election is usually held on next sitting after Speaker selection as President fixes date for Speaker election and after being elected the Speaker fixes the date for Deputy Speaker election.</b></p>	The post of Deputy Speaker, for the first time, has been vacant for more than a year after the constitution of 17th Lok Sabha. This is the first	E	F		<p><b>E M</b></p> <p><b>Vision IAS Test Series FLT: 3499 and Open Test 3374 (2022):</b> Consider the following statements with regards to the election of deputy speaker in Lok Sabha: (3499)</p> <ol style="list-style-type: none"> <li>He is elected by the Lok Sabha itself from amongst its members.</li> <li>The date of election of the Deputy Speaker is fixed by the Speaker.</li> <li>The election should be held</li> </ol>

		<p>that the election of a candidate as Deputy Speaker of Lok Sabha shall be from either the principal opposition party or the ruling party.</p> <p>3. The Deputy Speaker has the same power as of the Speaker when presiding over the sitting of the House and no appeal lies against his rulings.</p> <p>4. The well established parliamentary practice regarding the appointment of Deputy Speaker is that the motion is moved by the Speaker and duly seconded by the Prime Minister.</p> <p>Which of the statements given above are correct ?</p> <p>(a) 1 and 3 only (b) 1, 2 and 3 (c) 3 and 4 only (d) 2 and 4 only</p>	<p><b>Statement 2 is not correct:</b> There is no mandatory provision that the election of a candidate as Deputy Speaker of Lok Sabha shall be from either the principal opposition party or the ruling party. <b>It is by convention that position of Deputy Speaker is offered to opposition party in India.</b></p> <p><b>Statement 3 is correct:</b> The Deputy Speaker has the same power as of the Speaker when presiding over the sitting of the House and no appeal lies against his rulings.</p>	<p>time that the Lok Sabha has functioned for over a year without having a Deputy Speaker. A</p>				<p>within six months after the election of speaker.</p> <p><b>Open Test 3374</b></p> <p>The post of Deputy Speaker, for the first time, has been vacant for more than a year after the constitution of 17th Lok Sabha. In this context, consider the following statements regarding Deputy Speaker:</p> <ol style="list-style-type: none"> <li>1. He is appointed after the election of the Speaker has taken place.</li> <li>2. He can preside over the joint sitting if the Speaker is absent from such a sitting.</li> <li>3. A member wishing to give notice of a resolution for the removal of the Deputy Speaker shall do so in writing to the Speaker.</li> </ol>
21	Environment	<p>Among the following crops, which one is the most important anthropogenic source of both methane and nitrous oxide ?</p> <p>(a) Cotton (b) Rice (c) Sugarcane (d) Wheat</p>	<p><b>B</b> <b>Paddy fields are anthropogenic sources of atmospheric nitrous oxide (N<sub>2</sub>O) and methane (CH<sub>4</sub>), which have been reckoned as 273 and 80-83 times more powerful than CO<sub>2</sub> in driving temperature increase in 20 years.</b> Paddies are a potential source of anthropogenic nitrous oxide (N<sub>2</sub>O) emission. In paddies, both the soil and the rice plants emit N<sub>2</sub>O into the atmosphere. The rice plant in the paddy is considered to act as a channel between the soil and the atmosphere for N<sub>2</sub>O emission.</p>	<p>This question seeks to test the fundamental knowledge.</p>	E	F	<p><a href="https://indianexpress.com/article/opinion/columns/for-climate-smart-agriculture-cop26-budget-7771379/">https://indianexpress.com/article/opinion/columns/for-climate-smart-agriculture-cop26-budget-7771379/</a></p>	<p><b>R M</b></p> <p><b>All India Test Series: Test 3477</b></p> <p>"It is a Greenhouse gas. It is released in large amounts in paddy fields, coal mines, from rotting garbage dumps. It is associated with chemical reactions leading to the destruction of ozone. It is also used as biogas." It is</p>

									(a) Nitrous Oxide (b) Methane (c) Chlorofluorocarbon (d) Carbon dioxide
22	Environment	"System of Rice Intensification" of cultivation, in which alternate wetting and drying of rice fields is practised, results in : 1. Reduced seed requirement 2. Reduced methane production 3. Reduced electricity consumption Select the correct answer using the code given below : (a) 1 and 2 only (b) 2 and 3 only (c) 1 and 3 only (d) 1, 2 and 3	D	System of Rice Intensification (SRI) was first developed in Madagascar in the 1980s and since then several countries in the world have been practising it, including India. It promises to save 15 to 20% ground water, improves rice productivity.  <b>Option 1 is correct:</b> Under SRI 2kg seed is required to grow a nursery for one acre against 5kg seed required in the traditional method.  <b>Option 2 is correct:</b> SRI is a holistic approach to sustainable rice cultivation. By minimizing water use and alternating wet and dry conditions, it minimizes methane production.  <b>Option 3 is correct:</b> With less consumption of water, adoption of SRI saves total energy inputs. A study found in Vietnam has also proved that applying SRI methods can save around 23% of energy inputs, while increasing energy outputs by 11%.	This technique is in the news for sometime in the context of rice cultivation in India.	E	FA	<a href="https://indianexpress.com/article/explained/punjab-paddy-sowing-technique-water-labour-costs-7938766/">https://indianexpress.com/article/explained/punjab-paddy-sowing-technique-water-labour-costs-7938766/</a>	EN <b>VisionIAS Open Test 2021, (3543)</b> In which of the following ways is the System of Rice Intensification (SRI) different from traditional rice cultivation methods? 1. Traditional methods require continuous flooding of fields whereas in SRI, there is alternate wetting and drying. 2. Traditional methods are less labour-intensive while SRI is initially labour-intensive. 3. In SRI 8-12 days old seedlings are transplanted as compared to 3-4 week old in traditional methods. Select the correct answer using the code given below.
23	Current Affairs	Which one of the following lakes of West Africa has become dry and turned into a desert ? (a) Lake Victoria (b) Lake Faguibine (c) Lake Oguta (d) Lake Volta	B	<b>Lake Faguibine is an isolated lake in Mali, west of Timbuktu (Tombouctou).</b> It lies north of the Niger River in the Macina depression. Lake Faguibine in northern Mali is dry and has been since the 1970s. Over seven years, droughts in the 1970s dried up the lakes. Then sand filled the channels connecting the lakes to the River Niger, with the result that when rain finally returned the water could no longer reach the lakes.	This lake recently dried up and turned into a desert due to which inhabitants were forced to leave that place.	D	CA	<a href="https://thewire.in/environment/chart-climate-change-the-great-displacer">https://thewire.in/environment/chart-climate-change-the-great-displacer</a>  <a href="https://www.unep.org/news-and-stories/story/benefits-galore-if-malis-lake-faguibine-system-were-revived-0">https://www.unep.org/news-and-stories/story/benefits-galore-if-malis-lake-faguibine-system-were-revived-0</a>	EN

24	Geography	Gandikota canyon of South India was created by which one of the following rivers. (a) Cauvery (b) Manjira (c) Pennar (d) Tungabhadra	C <b>Gandikota</b> is a village and historical fort on the <b>right bank of the Pennar river</b> , in Kadapa district, Andhra Pradesh, India. The fort was the centre of power for various dynasties, such as the Kalyani Chalukyas, Pemmasani Nayakas, and the Golconda Sultanate.	This question seeks to test the fundamental knowledge.	M	F	<a href="https://www.thehindu.com/life-and-style/travel/gandikotas-majestic-canyon-and-belums-dark-caves-make-for-a-great-weekend-trip/article24696541.ece">https://www.thehindu.com/life-and-style/travel/gandikotas-majestic-canyon-and-belums-dark-caves-make-for-a-great-weekend-trip/article24696541.ece</a>	R M	<b>VisionIAS Abhyaas Test 2019 (2880)</b> This place derives its name from a 12th-century fort, constructed by the Western Chalukyan Kings. It also derives its name from a gorge through which the <b>river Pennar flows</b> in the Erramala hills. The Mylavaram Dam is situated near the fort and its backwaters are key in supplying water to this gorge which is also popularly known as "India's Grand Canyon". Which of the following places is best described in the above passage? (a) Mysuru (b) Vijayawada (c) Gandikota (d) Konark <b>Answer:</b> Gandikota; river Pennar flows
25	Geography	Consider the following pairs : <b>Peak Mountains</b> 1. Namcha Barwa — Garhwal Himalaya 2. Nanda Devi — Kumaon Himalaya 3. Nokrek — Sikkim Himalaya Which of the pairs given above is/are correctly matched ? (a) 1 and 2 (b) 2 only (c) 1 and 3 (d) 3 only	B <b>Pair 1 is not correctly matched:</b> Namcha Barwa or Namcharbarwa is a mountain peak lying in Tibet in the region of Pemako. It is the easternmost section of the Himalaya in southeastern Tibet and northeastern India. The Garhwal Himalayas are mountain ranges located in the Indian state of Uttarakhand. <b>Pair 2 is correctly matched:</b> Nanda Devi is the second-highest mountain in India, after Kangchenjunga. It is situated in the Chamoli district of Uttarakhand. Kumaun Himalayas, west-central section of the Himalayas in northern India, extends 200 miles (320 km) from the Sutlej River east to the Kali River. It rises to 7,817 metres at Nanda Devi, the range's highest peak, and to 7,756 metres at Kamet, near the Chinese border. <b>Pair 3 is not correctly matched:</b> The Nokrek Peak is located in the northeast of India on the Tura Range, which forms part of the Meghalaya Plateau. The entire area is mountainous and Nokrek is the highest peak of the Garo hills, rising up 1,412 metres.	This question seeks to test the mapping knowledge.	E	F	Standard Reference Atlas	E M	<b>All India Test Series: Test 3495:</b> Arrange the following Himalayan peaks from West to East. 1. Namcha Barwa 2. Nanda Devi 3. Kanchenjunga 4. Nanga Parbat Select the correct answer using the code given below. (a) 1-2-3-4 (b) 1-2-4-3 (c) 2-4-3-1 (d) 4-2-3-1

26	Geography	<p>The term "Levant" often heard in the news roughly corresponds to which of the following regions ?</p> <p>(a) Region along the eastern Mediterranean shores (b) Region along North African shores stretching from Egypt to Morocco (c) Region along Persian Gulf and Horn of Africa (d) The entire coastal areas of Mediterranean Sea</p>	<p><b>A</b> <b>The Levant is an old term referring to countries of the eastern Mediterranean.</b> Some scholars include in it Cyprus and a small part of Turkey. But basically the Levant has throughout history meant Syria, Lebanon and Palestine. This means Jordan, the West Bank (now under Israeli occupation) and Israel itself are part of the Levant.</p>	<p>Syria, Lebanon and Palestine region often remains in the news.</p>	M	F	<p><a href="https://www.bri tannica.com/place/Levant">https://www.bri tannica.com/pla ce/Levant</a></p>	R M	<p><b>News Today-</b> 15th-16th October, 2021, Places in news <b>PT 365 IR-</b> Page 25, Lebanon, Places in news."</p>
----	-----------	---	--	---	---	---	---	--------	--

*Heartiest*

# Congratulations

to all successful candidates

**8 in Top 10 Selections in CSE 2021**

From Various Programs of **VISIONIAS**



2  
AIR

ANKITA AGARWAL



3  
AIR

GAMINI SINGLA



4  
AIR

AISHWARYA VERMA



5  
AIR

UTKARSH DWIVEDI



6  
AIR

YAKSH CHAUDHARY



7  
AIR

SAMYAK S JAIN



8  
AIR

ISHITA RATHI



9  
AIR

PREETAM KUMAR

27	Geography	<p>Consider the following countries :</p> <ol style="list-style-type: none"> <li>1. Azerbaijan</li> <li>2. Kyrgyzstan</li> <li>3. Tajikistan</li> <li>4. Turkmenistan</li> <li>5. Uzbekistan</li> </ol> <p>Which of the above have borders with Afghanistan ?</p> <ol style="list-style-type: none"> <li>(a) 1, 2 and 5 only</li> <li>(b) 1, 2, 3 and 4 only</li> <li>(c) 3, 4 and 5 only</li> <li>(d) 1, 2, 3, 4 and 5</li> </ol>	<p><b>C</b> <b>Afghanistan</b> is bounded to the east and south by Pakistan (including those areas of Kashmir administered by Pakistan but claimed by India), to the west by <b>Iran, and to the north by the Central Asian states of Turkmenistan, Uzbekistan, and Tajikistan.</b></p>	Afghanistan was frequently in the news.	M	CAA	Standard Reference Atlas	E N	<p><b>PT 365 IR-</b> Places in News from Afghanistan on world map- Page 25; <b>News Today-</b> 28th Jan, 2022; <b>Monthly Current Affairs April 2021,</b> Page 19</p> <p><b>Test 3374 - All India Open Test 1(2022)</b></p> <p>Recently, “6+2+1” group was in news, is related to:</p> <ol style="list-style-type: none"> <li>(a) mediate a peace process in Nagorno-Karabakh conflict.</li> <li>(b) keeping a watch over the Iran's nuclear programme.</li> <li>(c) achieving carbon neutrality by 2030 in US, China and India.</li> <li>(d) establish peace and stability in Afghanistan.</li> </ol> <p><b>Explanation mentions:</b> It includes neighbouring countries: Iran, Pakistan, Tajikistan, Turkmenistan and Uzbekistan.</p>
28	Geography	<p>With reference to India, consider the following statements:</p> <ol style="list-style-type: none"> <li>1. Monazite is a source of rare earths.</li> <li>2. Monazite contains thorium.</li> <li>3. Monazite occurs naturally in the entire Indian coastal sands in India.</li> <li>4. In India, Government bodies only can process or</li> </ol>	<p><b>B</b> <b>Statement 1 is correct:</b> Monazite is a primarily reddish-brown phosphate mineral that contains rare-earth elements. Due to variability in composition, monazite is considered a group of minerals.</p> <p><b>Statement 2 is correct:</b> In addition to the rare-earth elements, thorium (Th) can be extracted from monazite ore. Thorium is a slightly radioactive metal, identical to uranium.</p> <p><b>Statement 3 is not correct:</b> Atomic Minerals Directorate for Exploration and Research (AMD), a constitute unit of Department of Atomic Energy (DAE) has estimated the presence of 11.93 million tonnes of monazite resources</p>	This question seeks to test the fundamental knowledge.	E	FA	<a href="https://pib.gov.in/newsite/PrintRelease.aspx?relid=112033">https://pib.gov.in/newsite/PrintRelease.aspx?relid=112033</a>	E M	<p><b>VisionIAS AITS Test 3486 -</b> Which of the following statements is <b>not</b> correct with respect to the atomic minerals in India?</p> <ol style="list-style-type: none"> <li>(a) The production of Uranium is confined to the mines of Kadapa district of Andhra Pradesh</li> <li>(b) India possesses the world's largest monazite reserves which is the principal source of thorium</li> </ol>

		export monazite. Which of the statements given above are correct ? (a) 1, 2 and 3 only (b) 1, 2 and 4 only (c) 3 and 4 only (d) 1,2, 3 and 4		in the beach sand mineral placer deposits along the coastal tracts of India. <Insert Table>  <b>Statement 4 is correct:</b> Monazite is a mineral mainly containing rare earths and thorium—a prescribed substance to be handled by the Department of Atomic Energy (DAE). Accordingly, Indian Rare Earths Ltd. (IREL) wholly owned by the Govt. of India, under the administrative control of the Dept. of Atomic Energy (DAE) utilises monazite mainly for production of rare earth compounds, and thorium, as needed in the Department of Atomic Energy.					(c) The beach sands of Kerala in Palghat and Quilon districts contain rich deposits of monazite (d) Uranium is found in igneous and metamorphic rocks in India
29	Geography	In the northern hemisphere, the longest day of the year normally occurs in the : (a) First half of the month of June (b) Second half of the month of June (c) First half of the month of July (d) Second half of the month of July	B	<b>The summer solstice, also known as estival solstice or midsummer, occurs when one of Earth's poles has its maximum tilt toward the Sun.</b> It happens twice yearly, once in each hemisphere. During the Northern Hemisphere's summer solstice—which always falls around <b>June 21</b> —the Southern Hemisphere gets its winter solstice.	This question seeks to test the fundamental knowledge.	E	F	<a href="https://www.nationalgeographic.com/science/article/what-is-summer-winter-solstice-answer-might-surprise-you">https://www.nationalgeographic.com/science/article/what-is-summer-winter-solstice-answer-might-surprise-you</a> GC Leong	EM <b>News Today-</b> 20th and 21st June, 2021; <b>PT 365 Science and Technology-</b> Page 47
30	Geography	Consider the following pairs : <b>Wetland/Lake Location</b> 1. Hokera Wetland - Punjab 2. Renuka Wetland - Himachal Pradesh 3. Rudrasagar Lake - Tripura 4. Sasthamkotta -. Tamil Nadu Lake How many pairs given above are correctly matched ? (a) Only one pair	B	<b>Pair 1 is not correctly matched:</b> It is located at the northwest Himalayan biogeographic province of Kashmir, back of the snow-draped Pir Panchal.  <b>Pair 2 is correctly matched:</b> Renuka Wetland is located in Himachal Pradesh. It is a natural wetland with freshwater springs and inland subterranean karst formations.  <b>Pair 3 is correctly matched:</b> Rudrasagar Lake, also known as Twijilikma, is a lake located in Melaghar, Tripura, India. The Government of India's Ministry of Environment and Forest has identified Rudrasagar as one of the wetlands of National Importance for conservation and sustainable use based on its biodiversity and socio economic importance.	This question seeks to test the fundamental knowledge.	M	F	<a href="http://www.wiienviis.nic.in/Database/ramsar_wetland_sites_8224.aspx">http://www.wiienviis.nic.in/Database/ramsar_wetland_sites_8224.aspx</a>	EM <b>PT365, Environment-</b> Page 84  <b>All India Test Series: Test 3473</b> <b>Consider the following pairs:</b> <b>Ramsar Site State</b> 1. Deepor Beel : Assam 2. Hokera wetland : Jammu and Kashmir 3. Rudrasagar Lake : Uttar Pradesh Which of the pairs given above are correctly matched? <b>Test 3487:</b> Which of the following wetlands of North Eastern

		(b) Only two pairs (c) Only three pairs (d) All four pairs		<b>Pair 4 is not correctly matched:</b> Sasthamcotta Lake or Sasthamkotta Lake, also categorized as a wetland, is the largest fresh water lake in Kerala. Sasthamkotta lake is also known as the Queen of Lakes.					India are included in the Ramsar list of wetlands? 1. Manas 2. Deepor Beel 3. Kaziranga 4. Rudrasagar Select the correct answer using the code given below. <b>Test 3490</b> In the context of recently seen in news Renukaji Dam Project, consider the following statements: 1. The Renukaji Dam Project has been constructed over River Giri in Himachal Pradesh. 2. The cost of the water and power component of the project has been equally shared between the Centre and the basin states. Which of the statements given above is/are correct?	
31	S&T	Consider the following: 1. Aarogya Setu 2. CoWIN 3. DigiLocker 4. DIKSHA Which of the above are built on top of open-source digital platforms? (a) 1 and 2 only (b) 2, 3 and 4 only (c) 1, 3 and 4 only (d) 1, 2, 3 and 4	<b>D</b>	Open-source software (OSS) is computer software that is released under a license in which the copyright holder grants users the rights to use, study, change, and distribute the software and its source code to anyone and for any purpose. <b>DIKSHA:</b> DIKSHA (Digital Infrastructure for Knowledge Sharing) is a national platform for school education, an initiative of National Council for Education Research and Training (NCERT), Ministry of Education. DIKSHA was developed based on the core principles of <b>open architecture, open access, open licensing</b> diversity, choice and autonomy as outlined in the Strategy and Approach Paper for the National Teacher Platform released in 2017. <b>Hence option 4 is correct.</b> <b>DigiLocker</b> is an initiative by the government to offer Indian citizens a free platform to store and access	All the four platforms were recently developed, two of them were created and have always been talked about during the COVID 19 peak period.	M	FCA	PIB and the websites of the platforms	R R	<b>News Today</b> 6th July 2021

			<p>important documents. The platform uses several open source technologies to deliver a mass solution and contributes back to the ever-growing community.</p> <p><b>Hence option 3 is correct.</b></p> <p><b>COWIN:</b> CoWIN is an Indian government web portal for COVID-19 vaccination registration, owned and operated by India's Ministry of Health and Family Welfare. It displays booking slots of COVID-19 vaccine available in the nearby areas and can be booked on the website. Initially it was not an open-source digital platform, but in July, 2019 it was made open source. <b>Hence option 2 is correct.</b></p> <p><b>Aarogya Setu:</b> On 2nd April 2020, India launched Aarogya Setu mobile App for helping augment the efforts of limiting the spread of COVID19, with an objective of enabling Bluetooth based contact tracing, mapping of likely hotspots and dissemination of relevant information about COVID19. It is open source now. <b>Hence option 1 is correct.</b></p>					
32	S&T	<p>With reference to Web 3.0, consider the following statements:</p> <ol style="list-style-type: none"> <li>1. Web 3.0 technology enables people to control their own data.</li> <li>2. In Web 3.0 world, there can be blockchain based social networks.</li> <li>3. Web 3.0 is operated by users collectively rather than a corporation.</li> </ol> <p>Which of the statements given above are correct ?</p> <ol style="list-style-type: none"> <li>(a) 1 and 2 only</li> <li>(b) 2 and 3 only</li> <li>(c) 1 and 3 only</li> <li>(d) 1, 2 and 3</li> </ol>	<p><b>D</b> The concept of Web3, also called Web 3.0, is used to describe a potential next phase of the internet. The model, a decentralised internet to be run on blockchain technology, would be different from the versions in use, Web 1.0 and Web 2.0. <b>Hence, statement 2 is correct.</b> Web3 enables peer to peer (seller to buyer) transactions by eliminating the role of the intermediary. In web3, users will have ownership stakes in platforms and applications unlike now where tech giants control the platforms. Web3 will deliver a “decentralized and fair internet where users control their own data”. <b>Hence, statements 1 and 3 are correct.</b></p>	<p>Web 3.0 is the future, the upcoming third generation of the internet. It has always been in the news.</p>	M	FCA	<p><a href="https://indianexpress.com/article/technology/tech-news-technology/tech-indepth-understanding-web-3-7833206/">https://indianexpress.com/article/technology/tech-news-technology/tech-indepth-understanding-web-3-7833206/</a></p>	<p>E N</p> <p><b>Monthly Current Affairs December 2021</b>, Page 96;  <b>News Today-</b> 27th&amp;28th March, 2022; <b>Updated PT 365</b>, Page 99  <b>VisionIAS Open Test -3699</b>  Consider the following statements regarding Web 3.0:</p> <ol style="list-style-type: none"> <li>1. It is based on blockchain technology.</li> <li>2. It enables peer to peer transactions by eliminating the role of the intermediary.</li> <li>3. In Web 3.0, most of the data in the internet is handled by very few tech companies.</li> </ol> <p>Which of the statements given above is/are correct?</p>

33	S&T	<p>With reference to "Software as a Service (SaaS)", consider the following statements:</p> <ol style="list-style-type: none"> <li>1. SaaS buyers can customise the user interface and can change data fields.</li> <li>2. SaaS users can access their data through their mobile devices.</li> <li>3. Outlook, Hotmail and Yahoo! Mail are forms of SaaS.</li> </ol> <p>Which of the statements given above are correct ?</p> <p>(a) 1 and 2 only (b) 2 and 3 only (c) 1 and 3 only (d) 1, 2 and 3</p>	<p><b>D</b> Software-as-a-Service (SaaS) is a software licensing model. It allows access to software on a subscription basis using external servers. As its important feature, SaaS allows each user to access programs via the Internet. Thus, SaaS allows data to be accessed from any device (<b>computer or mobile phones</b>) with an internet connection and a web browser. The user need not install the software on his/her computer. In simple words, software-as-a-Service (SaaS)—also known as cloud based software—is now mainstream. Today’s web-based software (SaaS) is flexible enough to be modified for specific business uses but also individual users. Buyers can customize the user interface (UI) to change the look and feel of the program, as well as modify specific areas, such as data fields, to alter what data appears. Several business process features can also be turned off and on at will. <b>Hence statements 1 and 2 are correct.</b></p> <p>Any web-based email service is classified as SaaS, examples a web-based email service such as Outlook, Hotmail or Yahoo! <b>Hence statement 3 is correct.</b></p>	SaaS is often seen in the news.	M	FCA	<p><a href="https://azure.microsoft.com/en-in/overview/what-is-saas/">https://azure.microsoft.com/en-in/overview/what-is-saas/</a></p> <p><a href="https://www.softwareadvice.com/resources/saas-10-faqs-software-service/">https://www.softwareadvice.com/resources/saas-10-faqs-software-service/</a></p>	R R	<b>News Today 15th April 2022.</b>
34	S&T	<p>Which one of the following statements best reflects the idea behind the "Fractional Orbital Bombardment System" often talked about in media ?</p> <p>(a) A hypersonic missile is launched into space to counter the asteroid approaching the Earth and explode it in space. (b) A spacecraft lands on another planet after making several orbital motions.</p>	<p><b>C</b> <b>Recently (in October 2021), China was suspected to have tested Fractional Orbital Bombardment System.</b> A Fractional Orbital Bombardment System (FOBS) is a warhead delivery system that uses a low earth orbit towards its target destination. Just before reaching the target, it deorbits through a retrograde engine burn. The flight path of the warhead from the system does not reveal the target location till the payload hits the destination. <b>Hence option (c) is the correct answer.</b></p>	It was in the news.	D	FCA	<p><a href="https://www.financialexpress.com/defence/chinas-fractional-orbital-bombardment-system-impact-on-indias-nuclear-deterrence-posture/2356471/">https://www.financialexpress.com/defence/chinas-fractional-orbital-bombardment-system-impact-on-indias-nuclear-deterrence-posture/2356471/</a></p>	E N	<b>Monthly Current Affairs Magazine</b> October 2021, Page 45

		(c) A missile is put into a stable orbit around the Earth and deorbits over a target on the Earth. (d) A spacecraft moves along a comet with the same speed and places a probe on its surface.								
35	S&T	Which one of the following-is the context in which the term "qubit" is mentioned ? (a) Cloud Services (b) Quantum Computing (c) Visible Light Communication Technologies (d) Wireless Communication Technologies	B	Quantum computing holds the promise to solve some of our planet's biggest challenges - in the areas of environment, agriculture, health, energy, climate, materials science, and others we haven't encountered yet. For some of these problems, classical computing is increasingly challenged as the size of the system grows. <b>Just as bits are the fundamental object of information in classical computing, qubits (quantum bits) are the fundamental object of information in quantum computing.</b> While a bit, or binary digit, can have a value either 0 or 1, a qubit can have a value that is either 0, 1 or a quantum superposition of 0 and 1. <b>Hence option (b) is the correct answer.</b>	Quantum Computing is a cutting edge technology and has always been in the news.	E	FCA	<a href="https://www.thehindu.com/sci-tech/technology/google-builds-qubit-game-to-teach-students-quantum-computing/article65331917.ece">https://www.thehindu.com/sci-tech/technology/google-builds-qubit-game-to-teach-students-quantum-computing/article65331917.ece</a>	EN	<b>News Today</b> 29th and 30th May, 2022.; <b>Monthly Current Affairs August 2021</b> , Page 79. <b>VisionIAS Prelims FLT: 3500</b> Consider the differences between Qubits and Binary bits: 1. Qubits are typically subatomic particles such as electrons or photons, while a bit represents a stream of electrical or optical pulses. 2. While bits can hold only a position of 0 or 1, qubits can hold a superposition of all possible states.
36	S&T	Consider following communication technologies: 1. Closed-circuit Television 2. Radio Frequency Identification 3. Wireless Local Area Network Which of the above are considered Short-Range devices/technologies? (a) 1 and 2 only (b) 2 and 3 only	D	<b>Short Range Devices (SRD) are radio devices that offer a low risk of interference with other radio services, usually because their transmitted power, and hence their range, is low.</b> The definition 'Short Range Device' may be applied to many different types of wireless equipment, including various forms of: Access control (including door and gate openers) Alarms and movement detectors <b>Closed-circuit television (CCTV)</b> Cordless audio devices, including wireless microphones Industrial control <b>Local Area Networks</b> Medical implants Metering devices Remote control	FASTAG, CCTV and LAN are part of our daily life.	E	F	<a href="https://www.etsi.org/technologies/short-range-devices">https://www.etsi.org/technologies/short-range-devices</a>	RR	<b>PT 365 Science and Technology, Updated Material</b> , Page 100

		(c) 1 and 3 only (d) 1, 2 and 3		Radio frequency identification (RFID) <b>Hence option (d) is the correct answer.</b>						
37	S&T	Consider the following statements : 1. Biofilms can form on medical implants within human tissues. 2. Biofilms can form on food and food processing surfaces. 3. Biofilms can exhibit antibiotic resistance. Which of the statements given above are correct? (a) 1 and 2 only (b) 2 and 3 only (c) 1 and 3 only (d) 1, 2 and 3	D	Biofilm is a thin usually resistant layer of microorganisms (as bacteria) that forms on and coats various surfaces (as of catheters or water pipes). These cells are frequently embedded within a self-produced matrix of extracellular polymeric substance (EPS). Biofilms can form on just about any imaginable surface: metals, plastics, natural materials (such as rocks), medical implants, kitchen counters, contact lenses, the walls of a hot tub or swimming pool, human and animal tissue, including medical devices and implants. <b>Hence statement 1 is correct.</b> They are a constant concern in food processing environments. Biofilms of <i>Lactobacillus curvatus</i> could lead to a defect caused by the formation of calcium lactate crystals in Cheddar cheese and they can be present on equipment surfaces (tough to remove). <b>Hence statement 2 is correct.</b>  Bacteria form biofilms, a kind of matrix, during infection in plants and animals. The biofilm shields the bacteria from antibiotics and helps bacteria survive harsh conditions such as extreme temperature or stress. Thus they can exhibit antibiotic resistance. <b>Hence statement 3 is correct.</b>	Not covered in any of the essential newspapers, but has been in the news. Since, presence of biofilms is not uncommon, the topic cannot be called 'unconventional'.	D	FCA	<a href="https://www.thehindu.com/sci-tech/science/microplastics-in-sewage-become-hubs-for-drug-resistant-bacteria-study/article34176654.ece">https://www.thehindu.com/sci-tech/science/microplastics-in-sewage-become-hubs-for-drug-resistant-bacteria-study/article34176654.ece</a>  <a href="https://www.sciencedirect.com/science/article/pii/S0022030298758345">https://www.sciencedirect.com/science/article/pii/S0022030298758345</a>  <a href="https://pubmed.ncbi.nlm.nih.gov/16353112/">https://pubmed.ncbi.nlm.nih.gov/16353112/</a>	E N	
38	Basic Science	Consider the following statements in respect of probiotics: 1. Probiotics are made of both bacteria and yeast. 2. The organisms in probiotics are found in foods we ingest but they do not naturally occur in our gut. 3. Probiotics help in the digestion of milk sugars.	C	Probiotics are live microorganisms (bacteria and yeasts can form an important part of the human mycobiome as probiotics.) that are intended to have health benefits when consumed or applied to the body. They can be <b>found in yogurt and other fermented foods</b> , dietary supplements, and beauty products. <b>Hence statement 1 is correct.</b> Although people often think of bacteria and other microorganisms as harmful “germs,” many are actually helpful. Some bacteria help digest food, destroy disease-causing cells, or produce vitamins. Many of the microorganisms in probiotic products are the same as or <b>similar to microorganisms that naturally live in our bodies. Hence statement 2 is not correct.</b>	Growing consciousness about healthy eating/dietary habits and the increase in the popularity of the	M	CAA	<a href="https://indianexpress.com/article/lifestyle/health/probiotics-help-improve-gut-profile-benefits-6386487/">https://indianexpress.com/article/lifestyle/health/probiotics-help-improve-gut-profile-benefits-6386487/</a> <a href="https://www.intechopen.com/chapters/39620">https://www.intechopen.com/chapters/39620</a>	E N	<b>News Today 12th Feb 2022. Abhyaas Test 2881 (2019)</b> Consider the following statements: 1. Prebiotic foods contain live microorganisms that help human health whereas Probiotic foods contain fiber compounds that induce growth of microorganisms. 2. Prebiotics resist digestion in the small intestine and reach the colon where they are fermented by gut microflora.

		Which of the statements given above is/are correct ? (a) 1 only (b) 2 only (c) 1 and 3 (d) 2 and 3		There is evidence that probiotics can alleviate symptoms of lactose intolerance. This can occur by increased hydrolysis (breaking down or digestion) of lactose (milk sugar) in the dairy product and in the small intestine. It can also be achieved by manipulation of the colonic metabolism. <b>Hence statement 3 is correct.</b>					3. Fermented foods like Yogurt and Buttermilk are rich sources of Probiotics. Which of the statements given above is/are correct?
39	S&T	In the context of vaccines manufactured to prevent COVID-19 pandemic, consider the following statements : 1. The Serum Institute of India produced COVID-19 vaccine named Covishield using mRNA platform. 2. Sputnik V vaccine is manufactured using vector based platform. 3. COVAXIN is an inactivated pathogen based vaccine. Which of the statements given above are correct? (a) 1 and 2 only (b) 2 and 3 only (c) 1 and 3 only (d) 1, 2 and 3	B	Covishield and Covaxin were the first vaccines permitted to be administered to people in India in the first half of 2021. Sputnik came weeks later. <b>Covishield:</b> It is not an mRNA-based vaccine. Covishield (produced by Serum Institute of India) is a recombinant, replication-deficient chimpanzee adenovirus vector encoding the SARS-CoV-2 Spike (S) glycoprotein. Following administration, the genetic material of part of corona virus is expressed which stimulates an immune response. <b>Hence statement 1 is not correct.</b> By using elimination technique, one can reach option (b). <b>Hence option (b) is the correct answer.</b> <b>Covaxin:</b> It is an indigenous, inactivated pathogen type vaccine developed and manufactured in Bharat Biotech's BSL-3 (Bio-Safety Level 3) high containment facility. The vaccine is developed using Whole-Virion Inactivated Vero Cell derived platform technology. <b>Hence statement 3 is correct.</b> <b>Sputnik V:</b> It is an adenovirus viral vector vaccine for COVID-19 developed by the Gamaleya Research Institute of Epidemiology and Microbiology in Russia. It is the world's first registered combination vector vaccine for the prevention of COVID-19, having been registered on 11 August 2020 by the Russian Ministry of Health. <b>Hence statement 2 is correct.</b>	The importance of the topic cannot be overstated.	E	CA	<a href="https://indianexpress.com/article/india/booster-must-be-different-vaccine-expert-body-7669635/">https://indianexpress.com/article/india/booster-must-be-different-vaccine-expert-body-7669635/</a>	E N <b>News Today</b> , 13th and 14th April, 2021; 6th Jan, 2022 <b>Weekly Focus- Universal immunisation.</b> <b>Vision IAS Prelims Test Series: Test 3471</b> Consider the following statements regarding the adenovirus based vaccine: 1. They work by triggering an immune response by putting a weakened or inactivated germ into our bodies. 2. Recently, Sputnik V has been approved for emergency use in India which is an adenoviral vector-based vaccine. Which of the statements given above is/are correct? (a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2 <b>3443 (2021 Abhyaas)</b> In the explanation to the following question Recently CSIR has successfully created a new agonist molecule with indigenous chemicals for the production of COVAXIN. In this context, which of the following statements best describes an

									agonist molecule? (a) It is a molecule that binds to specific receptors and cause a process in the cell to become more active. (b) It is a large protein molecule embedded in the cell wall or membrane where a specific drug molecule attaches itself. (c) It is the active live virus in a vaccine that generates a response from the human immune system. (d) It is a polynucleotide that does not have the ability to trigger the host immune system.
40	S&T	<p>If a major solar storm (solar-flare) reaches the Earth, which of the following are the possible effects on the Earth ?</p> <ol style="list-style-type: none"> <li>1. GPS and navigation systems could fail.</li> <li>2. Tsunamis could occur at equatorial regions.</li> <li>3. Power grids could be damaged.</li> <li>4. Intense auroras could occur over much of the Earth.</li> <li>5. Forest fires could take place over much of the planet.</li> <li>6. Orbits of the satellites could be disturbed.</li> </ol>	<p><b>C</b> Solar flares occur when magnetic energy builds up in the solar atmosphere and is released suddenly. These outbursts are intrinsically linked to the solar cycle — an approximately 11-year cycle of solar activity driven by the sun's magnetic field. These are large explosions from the surface of the sun that emit intense bursts of electromagnetic radiation. According to NASA, harmful radiation from a flare cannot pass through Earth's atmosphere to physically affect humans on the ground. The solar flares, even the intense ones, do not pose an immediate threat to us, at least those who are within the Earth's atmosphere. Flares are not fires but outbursts of electromagnetic radiation. Thus they will not cause forest fires. <b>Hence statement 5 is not correct.</b> Tsunami is a purely seismic phenomenon. Earthquakes, volcanic eruptions and other underwater explosions (including detonations, landslides, glacier calvings, meteorite impacts and other disturbances) above or below water all have the potential to generate a tsunami and not solar flares. <b>Hence statement 2 is not correct.</b> By elimination technique, one can easily reach option (c). <b>Hence option (c) is the correct answer.</b></p>	Intense solar flares posing a threat to specific regions of Asia was in the news.	M	FA	<p><a href="https://www.nasa.gov/mission_pages/sunearth/news/flare-impacts.html">https://www.nasa.gov/mission_pages/sunearth/news/flare-impacts.html</a></p> <p><a href="https://www.livemint.com/science/news/strong-solar-flares-emitted-from-sun-towards-earth-how-it-may-impact-us-11635574893358.html">https://www.livemint.com/science/news/strong-solar-flares-emitted-from-sun-towards-earth-how-it-may-impact-us-11635574893358.html</a></p> <p><a href="https://www.space.com/solar-flares-effects-classification-formation">https://www.space.com/solar-flares-effects-classification-formation</a></p> <p><a href="https://www.sp">https://www.sp</a></p>	E N	<p><b>News Today- 23-24th Jan, 2022; VisionIAS Monthly Current Affairs Magazine Jan 2022, 7.5.10; PT 365, Science and Technology, Page 39 Vision IAS Prelims Test Series: Test 3500</b></p> <p>In the context of solar flares, consider the following statements:</p> <ol style="list-style-type: none"> <li>1. Solar flares are associated with solar magnetic storms known as Coronal Mass Ejection.</li> <li>2. The harmful radiations from such a flare cannot pass through Earth's atmosphere to physically affect humans on the ground.</li> </ol> <p>Which of the statements given above is/are correct?</p>

	<p>7. Shortwave radio communication of the aircraft flying over polar regions could be interrupted. Select the correct answer using the code given below :</p> <p>(a) 1, 2, 4 and 5 only  (b) 2, 3, 5, 6 and 7 only  (c) 1, 3, 4, 6 and 7 only  (d) 1, 2, 3, 4, 5, 6 and 7</p>	<p>Strong M-class and X-class solar flares and can trigger coronal mass ejections — a large release of plasma and magnetic field from the sun. This behavior can disrupt Earth's magnetosphere and result in geomagnetic storms. Such geomagnetic storms can lead to auroras closer to the equator than is possible during calm conditions. <b>Hence statement 4 is correct.</b></p> <p>Known as a coronal mass ejection or CME these solar explosions propel bursts of particles and electromagnetic fluctuations into Earth's atmosphere. Those fluctuations could induce electric fluctuations at ground level that could <b>blow out transformers in power grids.</b> A CME's particles can also collide with <b>crucial electronics onboard a satellite and disrupt its systems.</b> The following impacts were predicted in April 2022 owing to the huge solar flares over South Asia and India.</p> <p>Expected high-frequency communication blackouts, satellite anomalies, GPS scintillations, airline communication impacts.</p>			<p>ace.com/solar-flares-effects-classification-formation</p> <p><a href="https://www.hindustantimes.com/science/huge-solar-flare-over-india-southeast-asia-radio-gps-blackout-likely-what-you-should-know-101650444415250.html">https://www.hindustantimes.com/science/huge-solar-flare-over-india-southeast-asia-radio-gps-blackout-likely-what-you-should-know-101650444415250.html</a></p>	
--	--	--	--	--	---	--

 **LIVE / ONLINE**  
CLASSES AVAILABLE



# ADVANCED COURSE GS MAINS

**16 JUNE | 1 PM**



Targeted towards those students who are aware of the basics but want to improve their understanding of complex topics, inter-linkages among them, and analytical ability to tackle the problems posed by the Mains examination.



Duration: 60 days, 5-6 classes a week (If need arises, class can be held on Sundays also).



Approach is completely analytical, focusing on the demands of the Mains examination.



Comprehensive study material (soft copy only)



Mains 365 Current Affairs Classes (Online)



Covers topics which are conceptually challenging.



Sectional Mini Tests.



41	Environment	<p>"Climate Action Tracker, which monitors the emission reduction pledges of different countries is a:</p> <p>(a) Database created by coalition of research organisations</p> <p>(b) Wing of "International Panel of Climate Change"</p> <p>(c) Committee under "United Nations Framework Convention on Climate Change"</p> <p>(d) Agency promoted and financed by United Nations Environment Programme and World Bank</p>	<p><b>A</b> <b>The Climate Action Tracker is an independent scientific analysis that tracks government climate action and measures it against the globally agreed Paris Agreement aim of "holding warming well below 2°C, and pursuing efforts to limit warming to 1.5°C." A collaboration of two organisations, Climate Analytics and NewClimate Institute, the CAT has been providing this independent analysis to policymakers since 2009.</b></p> <p>CAT quantifies and evaluates climate change mitigation targets, policies and action. It also aggregates country action to the global level, determining likely temperature increases during the 21st century using the MAGICC climate model. CAT further develops sectoral analysis to illustrate required pathways for meeting the global temperature goals.</p> <p>CAT tracks 39 countries and the EU covering around 85% of global emissions          CAT covers all the biggest emitters and a representative sample of smaller emitters covering about 85% of global emissions and approximately 70% of global population.</p>	<p>Recently, data from Climate Action Tracker reveals emissions pathways for the world's 10 biggest polluters. They account for more than two-thirds of greenhouse gas emissions.</p>	M	CA	<p><a href="https://indianexpress.com/article/world/climate-change/united-nations-cop26-summit-carbon-emission-7604479/">https://indianexpress.com/article/world/climate-change/united-nations-cop26-summit-carbon-emission-7604479/</a></p>	EN	
42	Environment	<p>Consider the following statements :</p> <p>1. "The Climate Group" is an international non-profit organization that drives climate action by building large networks and runs them.</p> <p>2. The International Energy Agency in partnership with the Climate Group launched a global initiative "EP100".</p> <p>3. EP100 brings together leading companies committed to driving innovation in</p>	<p><b>B</b> <b>Statement 1 is correct:</b> The Climate Group is a non-profit organisation that works with business and government leaders around the world to address climate change. The group has programmes focussing on renewable energy and reducing greenhouse gas emissions.</p> <p><b>Statement 2 is not correct and Statement 3 is correct:</b> EP100 is a global initiative led by the international non-profit Climate Group, bringing together over 120 energy smart businesses committed to measuring and reporting on energy efficiency improvements. The Climate Group's global EP100 initiative, delivered in partnership with the <b>Alliance to Save Energy</b>, brings together leading companies improving their energy productivity; using less energy to achieve higher economic output.</p>	<p>Recently, Dalmia Cement and JSW Cement – two leading Indian cement companies - committed to the Climate Group's flagship business initiatives RE100, EV100 and</p>	D	CAA	<p><a href="https://www.theclimategroup.org/ep100-faqs">https://www.theclimategroup.org/ep100-faqs</a></p> <p><a href="https://indiacr.in/mahindra-mahindra-becomes-first-company-to-join-ep100-campaign-led-by-the-climate-group/">https://indiacr.in/mahindra-mahindra-becomes-first-company-to-join-ep100-campaign-led-by-the-climate-group/</a></p> <p><a href="https://www.theclimategroup.org/our-work/news/indias-road-cop26-summit-mobilising-">https://www.theclimategroup.org/our-work/news/indias-road-cop26-summit-mobilising-</a></p>	RM	

		<p>energy efficiency and increasing competitiveness while delivering on emission reduction goals.</p> <p>4. Some Indian companies are members of EP100.</p> <p>5. The International Energy Agency is the Secretariat to the "Under2 Coalition".</p> <p>Which of the statements given above are correct?</p> <p>(a) 1, 2, 4 and 5 (b) 1, 3 and 4 only (c) 2, 3 and 5 only (d) 1, 2, 3, 4 and 5</p>	<p><b>Statement 4 is correct:</b> Mahindra &amp; Mahindra Ltd., the world's largest manufacturer of tractors, has signed up to EP100. The Indian-based company has committed to doubling their energy productivity by 2030, a core requirement for any business signing on to the campaign. Recently, Dalmia Cement and JSW Cement – two leading Indian cement companies - committed to the Climate Group's flagship business initiatives RE100, EV100 and EP100. Dalmia Cement committed to EV100, while they are already members of RE100 and EP100. JSW Cement, committed to all the three campaigns in one go.</p> <p><b>Statement 5 is not correct:</b> It is the largest global network of state and regional governments committed to reducing emissions in line with the Paris Agreement.</p>	EP100.			business-commitment-and-action-climate	
43	Environment	<p>"If rainforests and tropical forests are the lungs of the Earth, then surely wetlands function as its kidneys." Which one of the following functions of wetlands best reflects the above statement?</p> <p>(a) The water cycle in wetlands involves surface runoff, subsoil percolation and evaporation.</p> <p>(b) Algae form the nutrient base upon which fish, crustaceans, molluscs, birds, reptiles and mammals thrive.</p>	<p><b>D</b> Tropical rainforests are often called the "lungs of the planet" because they generally draw in carbon dioxide and breathe out oxygen. Natural wetlands have often been referred to as "earth's kidneys" because of their high and long-term capacity to filter pollutants from the water that flows through them.</p> <p>Aquatic plants can uptake large amounts of metals from water and/or sediment through active and passive absorption, with this absorption capacity of metals through different organs such as roots, stems, and leaves, making these plants suitable for heavy metal alterations in the aquatic environment.</p>	Wetlands and their functions is an important and fundamental topic.	E	FA	<a href="https://science.thewire.in/environment/explain-ed-wetlands-why-are-they-important/">https://science.thewire.in/environment/explain-ed-wetlands-why-are-they-important/</a>	<p><b>E M</b></p> <p><b>VisionIAS Test 3477</b></p> <p>Which of the following are potential benefits of coastal marshes and wetlands?</p> <ol style="list-style-type: none"> <li>1. They act as migration areas for birds and animals.</li> <li>2. They purify and recharge groundwater.</li> <li>3. They prevent contamination of wells in the coastal areas.</li> <li>4. They protect the coastlines from storms and cyclones.</li> </ol> <p>Select the correct answer using the code given below.</p> <p>(a) 1, 2, 3 and 4 (b) 1, 2 and 4 only (c) 2, 3 and 4 only (d) 1 and 3 only</p>

		(c) Wetlands play a vital role in maintaining sedimentation balance and soil stabilization. (d) Aquatic plants absorb heavy metals and excess nutrients.							<b>Explanation Mentions:</b> Coastal Wetlands can improve water quality by removing pollutants from surface waters. Three pollutant removal processes provided by wetlands are particularly important: sediment trapping, nutrient removal, and chemical detoxification. They also enhances or protects water quality through chemical action, by the removal of nutrients, by the retention or removal of sediments or organic matter, or by moderating the adverse water quality effects of soil erosion or stormwater runoff.  Monthly Current Affairs, Feb 2022, Page 70
44	Environment	In the context of WHO Air Quality Guidelines, consider the following statements : 1. The 24-hour mean of PM 2.5 should not exceed 15 µg/m <sup>3</sup> and annual mean of PM2.5 should not exceed 5 µg/m <sup>3</sup> . 2. In a year, the highest levels of ozone pollution occur during the periods of inclement weather. 3. PM10 can penetrate the lung barrier and enter the bloodstream.	<b>B</b> <b>Statement 1 is correct:</b> According to the guidelines, The annual average for PM2.5 should not exceed 5 micrograms per cubic metre of air, while the 24-hour average should not exceed 15 micrograms per cubic metre.  <b>Statement 2 is not correct:</b> Ozone at ground level is one of the major constituents of photochemical smog. It is formed by the reaction with sunlight (photochemical reaction) of pollutants such as nitrogen oxides (NOx) from vehicle and industry emissions and volatile organic compounds (VOCs) emitted by vehicles, solvents and industry. As a result, the highest levels of ozone pollution occur during periods of sunny weather. (Inclement weather is unpleasant, especially with cold wind and rain.)	Recently the World Health Organisation's new air quality guidelines, Global Air Quality Guidelines (AQGs) were released in 2021.	M	CAA	<a href="https://www.who.int/news-room/fact-sheets/detail/ambient-(outdoor)-air-quality-and-health">https://www.who.int/news-room/fact-sheets/detail/ambient-(outdoor)-air-quality-and-health</a>	E N	<b>News Today</b> 23rd March, 2022; <b>Monthly Current Affairs November 2021</b> , Page 63; <b>PT 365 Environment Page 29</b>  Vision IAS Test Series: Test 3495: Partially solved 3495 The World Health Organisation's new air quality guidelines, Global Air Quality Guidelines (AQGs) released in 2021 recommend air quality levels for which of the following pollutants? 1. Carbon Dioxide 2. Ozone

		<p>4. Excessive ozone in the air can trigger asthma.</p> <p>Which of the statements given above are correct ?</p> <p>(a) 1, 3 and 4 (b) 1 and 4 only (c) 2, 3 and 4 (d) 1 and 2 only</p>	<p><b>Statement 3 is not correct:</b> While particles with a diameter of 10 microns or less, (<math>\leq</math> PM10) can penetrate and lodge deep inside the lungs, the even more health-damaging particles are those with a diameter of 2.5 microns or less, (<math>\leq</math> PM2.5). PM2.5 can penetrate the lung barrier and enter the blood system.</p> <p><b>Statement 4 is correct:</b> Excessive ozone in the air can have a marked effect on human health. It can cause breathing problems, trigger asthma, reduce lung function and cause lung diseases.</p>					<p>3. Carbon Monoxide 4. Nitrogen Dioxide</p> <p>Select the correct answer using the code given below.</p> <p><b>Explanation mentions:</b> The WHO's new air quality guidelines, Global Air Quality Guidelines (AQGs) has redefined the threshold of safe air.</p> <p>This is the first revision after the last updation in 2005. WHO's new guidelines recommend air quality levels for 6 pollutants, where evidence has advanced the most on health effects from exposure.</p> <p>These are Particulate Matter (PM 2.5 AND PM 10), ozone (<math>O_3</math>), nitrogen dioxide (<math>NO_2</math>) sulfur dioxide (<math>SO_2</math>) and carbon monoxide (CO).</p> <p>- The annual average for PM2.5 should not exceed 5 micrograms per cubic metre of air, while the 24-hour average should not exceed 15 micrograms per cubic metre.</p>
45	Current Affairs	<p>With reference to "Gucchi" sometimes mentioned in the news, consider the following statements:</p> <ol style="list-style-type: none"> <li>1. It is a fungus.</li> <li>2. It grows in some Himalayan forest areas.</li> <li>3. It is commercially cultivated in the</li> </ol>	<p><b>C</b> <b>Statement 1 is correct:</b> Grown in the foothills of the Himalayas, Gujhi mushrooms are the costliest among fungi in the world. They are also known as Morel Mushrooms, and are a rare variety that cannot be cultivated commercially.</p> <p><b>Statement 2 is correct:</b> Gujhi mushrooms grow in clusters on logs in decaying wood and are mostly cultivated in parts of India like Himachal Pradesh, Uttarakhand and Jammu and Kashmir.</p>	First time in India, world's costliest mushroom (gucchi) was cultivated artificially in Himachal Pradesh.	D	FCA	<p><a href="https://www.thehindubusinessline.com/economy/agri-business/gi-tag-sought-for-indias-costliest-mushroom/article33594977.ece">https://www.thehindubusinessline.com/economy/agri-business/gi-tag-sought-for-indias-costliest-mushroom/article33594977.ece</a></p> <p><a href="https://www.tribuneindia.com/">https://www.tribuneindia.com/</a></p>	EN

		Himalayan foothills of north-eastern India. Which of the statements given above is/are correct? (a) 1 only (b) 3 only (c) 1 and 2 (d) 2 and 3		<b>Statement 3 is not correct:</b> The fresh morel mushroom season is limited to a barely few weeks in the spring. It is collected from the wild habitats in northwestern Himalayas by the locals"	Also recently in Jan. 2022 GI tag was sought for gucchi.			news/himachal/first-time-in-india-worlds-costliest-mushroom-cultivated-artificially-217432		
46	Environment	With reference to polythylene terephthalate, the use of which is so widespread in our daily lives, consider the following statements: 1. Its fibres can be blended with wool and cotton fibres to reinforce their properties. 2. Containers made of it can be used to store any alcoholic beverage. 3. Bottle made of it can be recycled into other products. 4. Articles made of it can be easily disposed of by incineration without causing greenhouse gas emissions. Which of the statements given above are correct? (a) 1 and 3 (b) 2 and 4 (c) 1 and 4 (d) 2 and 3	A	Polyethylene terephthalate (PET or PETE), a strong, stiff synthetic fibre and resin and a member of the polyester family of polymers. PET is spun into fibres for permanent-press fabrics and blow-molded into disposable beverage bottles. <b>Statement 1 is correct:</b> They are often used in durable-press blends with other fibres such as rayon, wool, and cotton, reinforcing the inherent properties of those fibres. <b>Statement 2 is not correct:</b> Plastic packaging is dangerous to human health and the country liquor and country made foreign liquor cannot be sold in such bottles. <b>Statement 3 is correct:</b> PET bottles are made of one of the few polymers that can be recycled into the same form – a new beverage bottle – again and again. During the process the PET is generally blended in a ratio of virgin to recycled, to give strength to the material for use in a new product. Some other everyday items recycled plastic bottles can be made into are: Plastic packaging, Clothing and shoes, Carpets and soft furnishings, Furniture, Automotive parts etc. <b>Statement 4 is not correct:</b> Globally, in this year alone, researchers estimate that the production and incineration of plastic will pump more than 850 million tonnes of greenhouse gases into the atmosphere. Producing a 16 oz. PET bottle generates more than 100 times the toxic emissions to air and water than making the same size bottle out of glass.	PET is commonly used in everyday food and beverage packaging.	D	FA	<a href="https://economictimes.indiatimes.com/news/how-to/how-are-plastic-pet-bottles-recycled-into-clothing/articleshow/92016415.cms">https://economictimes.indiatimes.com/news/how-to/how-are-plastic-pet-bottles-recycled-into-clothing/articleshow/92016415.cms</a>  <a href="https://www.freepressjournal.in/mumbai/plastic-industry-opposes-ban-on-alcohol-sale-in-pet-bottles">https://www.freepressjournal.in/mumbai/plastic-industry-opposes-ban-on-alcohol-sale-in-pet-bottles</a>  <a href="https://www.livemint.com/Opinion/95WEIYfcGMwJa6t84oEfHL/PET-bottles-used-for-soft-drinks-and-juices-are-unsafe.html">https://www.livemint.com/Opinion/95WEIYfcGMwJa6t84oEfHL/PET-bottles-used-for-soft-drinks-and-juices-are-unsafe.html</a>	E N	

47	Environment	<p>Which of the following is not a bird?</p> <p>(a) Golden Mahseer (b) Indian Nightjar (c) Spoonbill (d) White Ibis</p>	<p><b>A Mahseer roughly translates as mahi – fish and sher – tiger, and hence is also referred as tiger among fish.</b> It is a large cyprinid and known to be the toughest among the fresh water sport fish.</p> <p>The <b>Indian nightjar is a small nightjar which is a resident breeder in open lands across South Asia and Southeast Asia.</b> The first bird to be called a "nightjar" was the European Nightjar (<i>Caprimulgus europaeus</i>) which was so named in the 17th-century because it was active at night and made a jarring noise (night + jar = nightjar).</p> <p><b>Spoonbills are a genus, Platalea, of large, long-legged wading birds.</b> The spoonbills have a global distribution, being found on every continent except Antarctica. The genus name Platalea derives from Ancient Greek and means "broad", referring to the distinctive shape of the bill.</p> <p><b>White Ibises are wetland birds.</b> They use freshwater marshes, coastal estuaries, mangroves, flooded pastures, mudflats, and swamps.</p>	<p>Recently the THE BLUE-FINNED Mahseer was moved to the 'least concern' status in the International Union for Conservation of Nature's (IUCN) red list of endangered species. However, the Golden Mahseer continues to remain on that list.</p>	E	F	<p><a href="https://indianexpress.com/article/india/blue-finned-mahseer-out-of-iucn-red-list-7343295/">https://indianexpress.com/article/india/blue-finned-mahseer-out-of-iucn-red-list-7343295/</a></p>	E N	<p><b>PT 365 Environment</b> Page 57 <b>Monthly Current Affairs June 2021, Page 98"</b></p> <p><b>Vision IAS Test Series: Test 3479 (Major types of Mahseer covered in explanation)</b></p> <p>The Blue-Finned Mahseer, which was on the International Union for Conservation of Nature's (IUCN) red list as 'endangered', has now moved to the 'least concern' status. In this context consider the following statements regarding mahseer:</p> <ol style="list-style-type: none"> <li>1. They prefer clean and fast flowing waters.</li> <li>2. They are only found in Himalayan waters in India.</li> </ol> <p>Which of the statements given above is/are correct?</p> <p>(a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2</p> <p><b>Test 3971</b> Which of the following types of Mahseer are found in India?</p> <ol style="list-style-type: none"> <li>1. Golden Mahseer</li> <li>2. Red Finned Mahseer</li> <li>3. Blue Fin Mahsee</li> <li>4. Orange Finned Mahseer</li> </ol> <p>Select the correct answer using the code given below.</p>
----	-------------	---	--	--	---	---	--	--------	---

									(a) 1 and 2 only (b) 3 and 4 only (c) 1, 2 and 4 only (d) 1, 2, 3 and 4
48	Environment	<p>Which of the following are nitrogen-fixing plants?</p> <ol style="list-style-type: none"> <li>1. Alfalfa</li> <li>2. Amarnath</li> <li>3. Chickpea</li> <li>4. Clover</li> <li>5. Purslane (Kulfa)</li> <li>6. Spinach</li> </ol> <p>Select the correct answer using the code given below:</p> <p>(a) 1, 3 and 4 only (b) 1, 3, 5 and 6 only (c) 2, 4, 5 and 6 only (d) 1, 2, 4, 5 and 6</p>	<p><b>A</b> Alfalfa, also called lucerne, is a perennial flowering plant in the legume family Fabaceae. It is cultivated as an important forage crop in many countries around the world. Symbiotic N<sub>2</sub> fixation by alfalfa provides substantial amounts of nitrogen (N) to livestock operations, subsequent crops, and soil organic matter. <b>Hence option 1 is correct.</b></p> <p>Amarnath: Amaranthus is a cosmopolitan genus of annual or short-lived perennial plants collectively known as amaranths. <b>Hence option 2 is not correct.</b></p> <p>Chickpea: The chickpea or chick pea is an annual legume of the family Fabaceae. <b>Hence option 3 is correct.</b></p> <p>Clover: Nitrogen is "fixed" in clovers through a symbiotic relationship with Rhizobium bacteria that infects the plant's roots. <b>Hence option 4 is correct.</b></p> <p>Purslane: Purslane is a green, leafy vegetable that can be eaten raw or cooked. It is known scientifically as Portulaca oleracea, and is also called pigweed, little hogweed, fatweed and pusley. This succulent plant contains about 93% water. It has red stems and small, green leaves. <b>Hence option 5 is not correct.</b></p> <p>Spinach: Spinach is a leafy green flowering plant native to central and western Asia. It is of the order Caryophyllales, family Amaranthaceae. <b>Hence option 6 is not correct.</b></p>	Nitrogen fixation and nitrogen-fixing plants is a fundamental topic.	M	FA	<a href="https://ncert.nic.in/ncerts/l/kebo112.pdf">https://ncert.nic.in/ncerts/l/kebo112.pdf</a>	RM	<p><b>Vision IAS Test Series: Test 3487</b></p> <p>Consider the following statements about the nitrogen cycle:</p> <ol style="list-style-type: none"> <li>1. Nitrogen in the atmosphere cannot be directly used as a nutrient by any plants or animals.</li> <li>2. Ammonia can be a direct source of nitrogen for some plants.</li> <li>3. The nitrates present in the soil are reduced to nitrous oxide gas by the process of ammonification.</li> </ol> <p>Which of the statements given above is/are correct?</p> <p>(a) 1, 2 and 3 (b) 1 and 2 only (c) 3 only (d) None</p> <p><b>Explanation mentions:</b> Nitrogen fixing bacteria feed off the root nodules of certain plant species such as beans, peas and alfalfa while they fix nitrogen.</p>
49	Current Affairs	<p>"Biorock technology" is talked about in which one of the following situations?</p> <p>(a) Restoration of damaged coral reefs</p>	<p><b>A</b> <b>Biorock technology is an innovative process originally invented in 1976 by the late architect to produce natural building materials in the sea.</b> Biorock technology has been successfully applied to fish and shellfish mariculture as well as to growing limestone breakwaters to protect islands and coastal areas from</p>	This technology was in the news.	E	CA	<a href="https://www.globalcoral.org/biorock-coral-reef-marine-habitat-restoration/">https://www.globalcoral.org/biorock-coral-reef-marine-habitat-restoration/</a>	EN	<p><b>VisionIAS Abhyaas Test 3444 (2021)</b></p> <p>Which of the following are the applications of Biorock technology?</p> <ol style="list-style-type: none"> <li>1. Tidal power generation</li> </ol>

		(b) Development of building materials using plant residues (c) Identification of areas for exploration/extraction of shale gas (d) Providing salt licks for wild animals in forest/protected areas		erosion and rising sea levels. <b>It is a unique method that allows coral reefs, and other marine ecosystems including seagrass, salt marsh, mangrove, and oyster reefs to survive and recover.</b> <b>Hence option (a) is the correct answer.</b>				<a href="https://www.thehindu.com/sci-tech/science/india-begins-coral-restoration-in-gulf-of-kachchh/article30645770.ece">https://www.thehindu.com/sci-tech/science/india-begins-coral-restoration-in-gulf-of-kachchh/article30645770.ece</a>		2. Erosion control measures 3. Coral reef restoration 4. Extraction of rare earth metals 5. Shoreline protection Select the correct answer using the code given below. (a) 1, 2 and 4 only (b) 3, 4 and 5 only (c) 2, 3 and 5 only (d) 1, 2, 3, 4 and 5"
50	Current Affairs	The "Miyawaki method" is well known for the: (a) Promotion of commercial farming in arid and semi-arid areas (b) Development of gardens using genetically modified flora (c) Creation of mini forests in urban areas (d) Harvesting wind energy on coastal areas and on sea surfaces.	C	<b>Urban forests are created through Miyawaki, an afforestation method based on the work of Japanese botanist Akira Miyawaki in the 1980s. The technique compresses layers of a forest – shrubs, trees, canopies – on small plots of land, turning them into tiny forests.</b> In the Miyawaki technique, various native species of plants are planted close to each other so that the greens receive sunlight only from the top and grow upwards than sideways. As a result, the plantation becomes approximately 30 times denser, grows 10 times faster and becomes maintenance-free after a span of 3 years. <b>Hence option (c) is the correct answer.</b>	Miyawaki technique has been in news frequently.	E	CA	<a href="https://indianexpress.com/article/cities/mumbai/urban-forests-miyawaki-technique-helps-create-dense-green-patches-in-one-year-7218624/">https://indianexpress.com/article/cities/mumbai/urban-forests-miyawaki-technique-helps-create-dense-green-patches-in-one-year-7218624/</a>	EN	<b>Weekly Focus- Nature-Positive Cities MCAR (Monthly Current Affairs - March) Test 3463</b> Which of the following are the benefits of afforestation through Miyawaki technique? 1. High Carbon-dioxide absorption as compared to conventional forest. 2. Faster regeneration 3. High ability to induce rain
51	Modern History	In the Government of India Act 1919, the functions of Provincial Government were divided into "Reserved and Transferred" subjects. Which of the following were treated as "Reserved" subjects? 1. Administration of Justice	C	Montagu-Chelmsford or Montford Reforms. Based on these, the Government of India Act, 1919 was enacted. <b>Main Features:</b> The Provincial Legislative Councils were enlarged and the majority of their members were to be elected. The Act introduced dyarchy for the executive at the level of the provincial government. The Dyarchy system provided more powers to the Provincial governments. <b>Under this system some subjects, such as Land revenue administration, famine relief, irrigation, administration of justice, law and order, newspapers, borrowing, forests etc., were called</b>	This question seeks to test the fundamental knowledge.	M	F	Modern-India-Bipan-Chandra Old NCERT page 263-Chapter-Struggle for Swaraj	EM	<b>All India Test Series Test 3475-Explanation:</b> In the context of Montague-Chelmsford reforms, which of the statements are correct? 1. Dyarchy was introduced at the level of the Provincial government. 2. Majority of the members of the Provincial Legislative Councils were to be nominated.

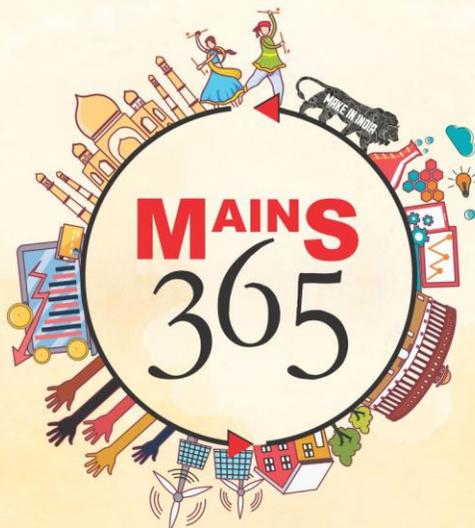
		<p>2. Local Self-Government 3. Land Revenue 4. Police</p> <p>Select the correct answer using the code given below: (a) 1, 2 and 3 (b) 2, 3 and 4 (c) 1, 3 and 4 (d) 1, 2 and 4</p>	<p><b>'reserved' subjects</b> and remained under the direct control of the Governor; others such as <b>education, public health &amp; sanitation, public works, agriculture, fisheries, religious endowments, local self governments, medical services etc, were called 'transferred' subjects</b> and were to be controlled by ministers responsible to the legislatures. In other words, the subjects which were considered of key importance for the welfare of the masses and for maintaining peace and order in the state were classified as reserved, while subjects in which there was more local interest were treated as transferred. <b>Hence option (c) is the correct answer.</b></p>						<p>3. Despite the reforms, the Central Government had unrestricted control over the provincial governments. 4. Congress leader Surendranath Banerjea was in favor of accepting the reforms. Select the correct answer using the code given below. <b>Explanation:</b> The Act introduced dyarchy for the executive at the level of the provincial government. The Dyarchy system provided more powers to the Provincial governments. Under this system <b>some subjects, such as finance and law and order, were called 'reserved' subjects and remained under the direct control of the Governor;</b> others such as <b>education, public health, and local self-government, were called 'transferred' subjects</b> and were to be controlled by ministers responsible to the legislatures. The Governor could overrule the ministers on any grounds that he considered special.</p>
52	Medieval History	<p>In medieval India, the term "Fanam" referred to: (a) Clothing (b) Coins (c) Ornaments (d) Weapons</p>	<p><b>B</b> Coins were called by popular names such as : anna, cash, dhanglo, dokdo, doudou, dub, escudo, fanam, faruqi, karshapara, kas, kon, mohur, naya paisa, pagoda, panam, pice, pie, rupia, suvarna, tanga, and tanka. <b>The fanam was a small coin used in south India between the 9th and 19th centuries.</b> These small gold coins weighed as little as 0.3 grams and had a diameter of less than a centimetre.</p>	This question seeks to test the fundamental knowledge.	D	F	<a href="https://www.hindustantimes.com/india/it-s-all-about-the-money/story-KCUOWCc5xpDAQr5fCOQsdM.html">https://www.hindustantimes.com/india/it-s-all-about-the-money/story-KCUOWCc5xpDAQr5fCOQsdM.html</a>	R R	

			Hence option (b) is the correct answer.			<a href="https://www.firstpost.com/business/suvarna-mohur-a-journey-through-indias-numismatic-history-through-133-rare-coins-5889281.html">https://www.firstpost.com/business/suvarna-mohur-a-journey-through-indias-numismatic-history-through-133-rare-coins-5889281.html</a>  <a href="https://timesofindia.indiatimes.com/city/bengaluru/tales-of-the-rupee/articleshow/71130395.cms">https://timesofindia.indiatimes.com/city/bengaluru/tales-of-the-rupee/articleshow/71130395.cms</a>
--	--	--	---	--	--	--

# ONE YEAR CURRENT AFFAIRS

FOR GS MAINS 2022  
IN 60 HOURS

**15 JULY | 5 PM**



**LIVE/ONLINE**  
CLASSES ALSO AVAILABLE

# मुख्य परीक्षा

2022 के लिए 1 वर्ष का  
समसामयिक घटनाक्रम  
केवल 60 घंटे

प्रवेश प्रारंभ

53	Modern History	<p>Consider the following freedom fighters:</p> <ol style="list-style-type: none"> <li>1. Barindra Kumar Ghosh</li> <li>2. Jogesh Chandra Chatterjee</li> <li>3. Rash Behari Bose</li> </ol> <p>Who of the above was/were actively associated with the Ghadar Party?</p> <ol style="list-style-type: none"> <li>(a) 1 and 2</li> <li>(b) 2 only</li> <li>(c) 1 and 3</li> <li>(d) 3 only</li> </ol>	<p><b>D</b> Hindustan Republican Association/Army or HRA (later renamed Hindustan Socialist Republican Association or HSRA). The HRA was founded in October 1924 in Kanpur by Ramprasad Bismil, <b>Jogesh Chandra Chatterjee</b> and Sachin Sanyal.</p> <p>The first revolutionary groups in Bengal were organised in 1902 in Midnapore (under Jnanendranath Basu) and in Calcutta (the Anushilan Samiti founded by Promotha Mitter, and including Jatindranath Banerjee, <b>Barindra Kumar Ghosh</b> and others.)</p> <p><b>Rash Behari Bose</b> was one of the most prominent leaders of the Indian National Movement, especially during the extremist phase. He was one of the masterminds behind the Delhi conspiracy case, participated in the Ghadar movement, and established the Indian Independence league while in Japan.</p>	This question seeks to test the fundamental knowledge.	M	F	<p>Pg 245-246, Old NCERT (Bipin Chandra)</p> <p>A Brief History of India Pg 284</p>	E M	<p><b>All India Test Series Test 3495:</b></p> <p>In this historic case, the whole <b>Anushilan group</b> was put on trial and was charged with "Conspiracy" or "waging war against the King". The case took nearly one year to complete and came to a close in 1909. In this case, Aurobindo Ghosh was defended by Chittaranjan das and was acquitted but prominent leaders like Hemchandra Kanungo, <b>Barin Ghosh</b>, etc were convicted. Which of the following cases is being described in the above passage?</p> <ol style="list-style-type: none"> <li>(a) Alipore Bomb Case</li> <li>(b) Lahore Conspiracy Case</li> <li>(c) Kakori train robbery Case</li> <li>(d) Delhi Conspiracy Case</li> </ol> <p><b>3475-</b></p> <p>He was one of the masterminds of the Delhi conspiracy which involved the throwing of a bomb on Viceroy Hardinge. He went to Punjab to assume the leadership of the Ghadar movement. He also established the Indian Independence League while in Japan.</p> <p>Which of the following leaders is being to in the passage given above?</p>
----	----------------	---	---	--	---	---	---	--------	---

									(a) Sachin Sanyal (b) Rash Behari Bose (c) Sohan Singh Bhakna (d) Lala Har Dayal
54	Modern History	With reference to the proposals of Cripps Mission, consider the following statements: 1. The Constituent Assembly would have members nominated by the Provincial Assemblies as well as the Princely States. 2. Any Province, which is not prepared to accept the new Constitution would have the right to sign a separate agreement with Britain regarding its future status. Which of the statements given above is/are correct? (a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2	<b>B</b> <b>The Cripps mission</b> was an attempt in late March 1942 by the British government to secure full Indian cooperation and support for their efforts in World War II. The mission was headed by Sir Stafford Cripps, a senior left-wing politician and government minister in the War Cabinet, who had actively supported the Indian national movement. The main proposals of the mission were as follows: - An Indian Union with a dominion status would be set up; it would be free to decide its relations with the Commonwealth. - <b>After the end of the war, a Constituent Assembly would be convened to frame a new constitution. Members of this assembly would be partly elected by the provincial assemblies through proportional representation and partly nominated by the princes. Hence statement 1 is not correct.</b> - The British government would accept the new constitution subject to two conditions: <b>any province not willing to join the Union could have a separate constitution and form a separate Union, and the new constitution-making body and the British government would negotiate a treaty to effect the transfer of power and to safeguard racial and religious minorities. Hence statement 2 is correct.</b> In the meantime, defence of India would remain in British hands and the governor-general's powers would remain intact.	This question seeks to test the fundamental knowledge.	M	F	India's Struggle for Independence (Bipan Chandra)- Page 484-486	E M	<b>All India Test Series: Test 3483</b> Which of the following statements is <b>not</b> correct regarding the Cripps Mission? (a) It proposed a plan for a Constituent Assembly. (b) It provided that the Indian Union would be free to decide its relations with the Commonwealth and free to participate in the United Nations. (c) It proposed separate constitution for provinces unwilling to join the Indian dominion. (d) It provided the right of self-determination to the Muslims and the creation of Pakistan. <b>Explanation:</b> proposed a plan for a Constituent Assembly; the new constitution-making body and the British government would negotiate a treaty to effect the transfer of power and to safeguard racial and religious minorities. <b>provided if any province not willing to join the Union could have a separate constitution and form a separate Union.</b>

									<p><b>3543(Open Test):</b> Consider the following statements about the Cripps Mission 1942:</p> <ol style="list-style-type: none"> <li>1. It proposed for the Constitution-making body elected by the members of the Lower House of the Provincial Legislatures by the system of proportional representation.</li> <li>2. Radical Democratic Party led by M.N. Roy was the only party who supported it. Which of the statements given above is/are correct?</li> </ol> <p><b>Explanation:</b> A new constitution would be drafted after the war by a Constituent Assembly comprising the Indians elected by the members of the Lower House of the Provincial Legislatures by the system of proportional representation</p>
55	Art & Culture	<p>With reference to Indian history, consider the following texts:</p> <ol style="list-style-type: none"> <li>1. Nettipakarana</li> <li>2. Parishishtaparvan</li> <li>3. Avadanashataka</li> <li>4. Trishashtilakshana Mahapurana</li> </ol> <p>Which of the above are Jaina texts?</p> <ol style="list-style-type: none"> <li>(a) 1, 2 and 3</li> <li>(b) 2 and 4 only</li> <li>(c) 1, 3 and 4</li> <li>(d) 2, 3 and 4</li> </ol>	<p><b>B</b> <b>The Nettipakarana</b> (Pali: -pakaraṇa, also called Nettippakarana or just Netti) is a Buddhist scripture. Nettipakarana is a guide to help those who already understand the teaching present it to others. The Netti methods were taught by the Buddha's disciple Kaccana (also Katyayana or Kaccayana). <b>Avadana texts:</b> The emergences of the Avadana may have been compiled between second Century A.D to the 11th Century A.D. The earlier product of Avadana texts like Avadana-sataka, Divyavadana etc., which are of Hinayanic character and the later Avadanas like Suvarnavarnavadana, Kalpadrumavadanamala, Vratavadanamala are earmarked as Mahayanic in character. Avadanas are non canonical Buddhist texts</p>	<p>This question seeks to test the fundamental knowledge. This question can be solved through elimination as</p>	D	F	<p>A History of Ancient and Early Medieval India: From the Stone Age to the 12th Century- Upinder singh- Page no.29</p> <p><a href="https://tipitaka.fandom.com/wiki/Nettipakarana">https://tipitaka.fandom.com/wiki/Nettipakarana</a></p>	R M	

				<p>about previous lives and karma, example Divyavadana(4th century) and Avadanashataka (2nd century) written in sanskrit. <b>It deal wth stories and tales related to Buddha.</b></p> <p><b>The Parishishtaparvan</b> also known as the Sthaviravalicharitra is a 12th-century Sanskrit mahakavya by Hemachandra which details the histories of the earliest <b>Jain teachers.</b></p> <p><b>Mahapurana or Trishashthilkshana Mahapurana</b> is a major Jain text composed largely by "Acharya" Jinasena during the rule of Rashtrakuta ruler Amoghavarsha and completed by his pupil Gunabhadra in the 9th century CE. Mahapurana consists of two parts. The first part is Ādi purāṇa written by "Acharya" Jinasena. The second part is Uttarapurana which is the section composed by Gunabhadra.</p> <p><b>Hence option (b) is the correct answer.</b></p>	Avadanashataka are buddhist texts.			<a href="https://shodhgan.in/bitstream/10603/156514/7/07_chapter%203.pdf">https://shodhgan.in/bitstream/10603/156514/7/07_chapter%203.pdf</a>		
56	Art & Culture	<p>With reference to Indian history, consider the following pairs:</p> <p><b>Historical person Known as</b></p> <ol style="list-style-type: none"> <li>1. Aryadeva – Jaina scholar</li> <li>2. Dignaga – Buddhist scholar</li> <li>3. Nathamuni – Vaishnava scholar</li> </ol> <p>How many pairs given above are correctly matched?</p> <ol style="list-style-type: none"> <li>(a) None of the pairs</li> <li>(b) Only one pair</li> <li>(c) Only two pairs</li> <li>(d) All three pairs</li> </ol>	<p><b>C</b> Āryadeva (3rd century), was a <b>Mahayana Buddhist monk</b>, a disciple of Nagarjuna and a Madhyamaka philosopher. is a central figure in the development of early Indian Madhyamaka philosophy.</p> <p><b>Dignaga</b> was the early 6th century Indian Buddhist Monk and was also the founder of Indian logic, Hetu Vidya. He was born in Simhavakta near Kanchipuram.</p> <p><b>Sri Ranganathamuni, popularly known as Srman Nathamuni</b>, was a Vaishnava theologian who collected and compiled the Nalayira Divya Prabandham. Considered the first of Sri Vaishnava āchāryās, Nathamuni is also the author of Yogarahasya, and Nyāyatattva.</p>	This question seeks to test the fundamental knowledge.	D	F	<a href="https://www.oxfordbibliographies.com/view/document/obo-9780195393521/obo-9780195393521-0065.xml">https://www.oxfordbibliographies.com/view/document/obo-9780195393521/obo-9780195393521-0065.xml</a>  <a href="https://www.britannica.com/biography/Dignaga">https://www.britannica.com/biography/Dignaga</a>  <a href="https://www.himalayanacademy.com/media/books/south-india-bhakti-saints_ei/web/ch01.html">https://www.himalayanacademy.com/media/books/south-india-bhakti-saints_ei/web/ch01.html</a>	R R		
57	Medieval History	<p>With reference to Indian history, consider the following statements:</p> <ol style="list-style-type: none"> <li>1. The first Mongol</li> </ol>	<p><b>B</b> <b>Statement 1 is not correct</b> as Chinggis Khan reached Indus during the reign of Iltutmish in 1221 AD, chasing the Khwarizmi prince Jalaluddin.</p>	This question seeks to test the fundament	D	F	Class 7 NCERT Our Past -II, Chapter 3rd, The Delhi Sultans -Page	E M		

		<p>invasion of India happened during the reign of Jalal-ud-din Khalji.</p> <p>2. During the reign of Ala-ud-din Khalji, one Mongol assault marched up to Delhi and besieged the city.</p> <p>3. Muhammad-bin-Tughlaq temporarily lost portions of north-west of his kingdom to Mongols.</p> <p>Which of the statements given above is/are correct?</p> <p>(a) 1 and 2 (b) 2 only (c) 1 and 3 (d) 3 only</p>	<p><b>Statement 2 is correct</b> :The fourth Mongol invasion during Ala-ud-din Khalji reign took place only after some months of Ala-ud-din's return from Chittor in 1303 A.D. The Mongols numbering 1,20,000 horsemen under the command of Targhi moved so swiftly that provincial governors could not get time to reach Delhi to help the Sultan.</p> <p>Besides, a large part of the army of Ala-ud-din had left for Telingana campaign and the army left at Delhi was insufficient and weak after its tough battle at Chittor. Therefore, Ala-ud-din was not in a position to face the Mongols in an open battle.</p> <p>He retired to the fort of Siri and took up defensive position. <b>The Mongols plundered the environs of Delhi and besieged the fort for two months.</b> But as they were ignorant of the art of siege-warfare, they failed to capture the fort and withdrew.</p> <p><b>Hence statement 3 is not correct:</b>The next major Mongol invasion took place after the Khiljis had been replaced by the Tughlaq dynasty in the Sultanate. In 1327 the Mongols invaded under Tarmashirin. Historians have differed regard Muhammad Tughlaq's policy. According to one version, he defeated the Mongols and himself chased them to drive them out. However according to another version, Muhammad Tughlaq bribed the Mongols and they went back.</p>	al knowledge.			no. 40-41 The Mongols and Delhi Sultanate- Satish Chandra, Medieval India NCERT, Class 11. Old NCERT page 51-53		
58	Medieval History	<p>With reference to Indian history, who of the following were known as "Kulah-Daran"?</p> <p>(a) Arab merchants (b) Qalandars (c) Persian calligraphists (d) Sayyids</p>	<p><b>D</b> The Sayyids were claimed to descent from the Prophet through his daughter Fatima. They Commanded special respect in Muslim society.</p> <p>Even the Timur protected the life of Sayyids during his invasion in India. Although his policy was one of general slaughter.</p> <p><b>The sayyids put on a pointed cap (kulah) and they were known as 'Kulah Daran' during Delhi sultanate.</b></p>	This question seeks to test the fundamental knowledge.	D	F	History of Medieval India by V.D Mahajan page no. 364 ( The Delhi sultanate)	R M	

59	Modern History	<p>With reference to Indian history, consider the following statements:</p> <ol style="list-style-type: none"> <li>The Dutch established their factories/warehouses on the east coast on lands granted to them by Gajapati rulers.</li> <li>Alfonso de Albuquerque captured Goa from the Bijapur Sultanate.</li> <li>The English East India Company established a factory at Madras on a plot of land leased from a representative of the Vijayangara empire.</li> </ol> <p>Which of the statements given above are correct?</p> <ol style="list-style-type: none"> <li>1 and 2 only</li> <li>2 and 3 only</li> <li>1 and 3 only</li> <li>1, 2 and 3</li> </ol>	<p><b>B</b> In 1602, the United East India Company of the Netherlands was formed and given permission by the Dutch government to trade in the East Indies including India. <b>The Dutch founded their first factory in Masaulipatam in Andhra Pradesh in 1605.</b> They went on to establish trading centers in different parts of India and thus became a threat to the Portuguese. They captured Nagapatam near Madras (Chennai) from the Portuguese and made it their main stronghold in South India.</p> <p>The Hindu Gajapati rulers (<b>c. 1435 – 1541 CE</b>) ruled over Kalinga (Odisha), large parts of Andhra Pradesh and West Bengal, and the eastern and central parts of Madhya Pradesh and Jharkhand. Gajapati means “king with an army of elephants”. In c. 1435 CE, Kapilendra Deva founded the Gajapati dynasty and last ruler of this dynasty was Prataparudra Deva. <b>Hence statement 1 is not correct.</b></p> <p><b>Alfonso de Albuquerque</b> served as viceroy of Portuguese India from 1509 to 1515. He was the real founder of the Portuguese power in the East, a task he completed before his death. He secured for Portugal the strategic control of the Indian Ocean by establishing bases overlooking all the entrances to the sea.</p> <p><b>Albuquerque acquired Goa from the Sultan of Bijapur in 1510 with ease;</b> the principal port of the Sultan of Bijapur became “the first bit of Indian territory to be under the Europeans since the time of Alexander the Great”. <b>Hence statement 2 is correct.</b></p> <p><b>British’s East India Company</b> had entered the then Madras and entered a treaty with the native chieftains of the land to choose the site of their choice to settle and trade. Company established a factory in Madras in 1639 on land leased from representatives of Vijayanagara Empire called the Nayakas.</p> <p>Originally an uninhabited land, <b>Francis Day and his superior Andrew Cogan</b> of the British East India Company can be considered the founders of Madras,</p>	This question seeks to test the fundamental knowledge.	D	F	Modern-India-Bipan-Chandra Old NCERT page 49-54	E M	<p><b>All India Test Series: Test 3482:</b>  <b>Explanation:</b> In the context of European conquest of India, where did the Dutch establish their first factory?  (a) Surat  (b) Masulipatam  (c) Bombay  (d) Chandernagore</p> <p><b>In 1602,</b> the United East India Company of the Netherlands was formed and given permission by the Dutch government to trade in the East Indies including India. <b>The Dutch founded their first factory in Masaulipatam in Andhra Pradesh in 1605.</b></p> <p><b>3482-(Explanation)</b>  With reference to the British East India Company, which one of the following events happened the earliest?  (a) The East India Company got the golden Farman from the Sultan of Golconda.  (b) Sir Thomas Roe, the ambassador of King James I, arrived at Jahangir’s court.  (c) A permanent factory of East India Company is established at Surat.  (d) The East India Company established its first factory in the south in Masulipatnam.  <b>Explanation:</b>  In 1616 the Company</p>
----	----------------	---	--	--	---	---	---	--------	---

				finally zeroed in on this coastal town and began construction of St George Fort and houses for their residence on 23 April 1640. <b>Hence statement 3 is correct.</b>					established its first factory in the south in Masulipatnam. In 1632 the Company got the golden Farman from the Sultan of Golconda ensuring the safety and prosperity of their trade. In 1633 the Company established its first factory in east India in Hariharpur, Balasore (Odisha). <b>In 1639 the Company gets the lease of Madras from a local king.</b>
60	Ancient History	<p>According to Kautilya's Arthashastra, which of the following are correct?</p> <p>1. A person could be a slave as a result of a judicial punishment.</p> <p>2. If a female slave bore her master a son, she was legally free.</p> <p>3. If a son born to a female slave was fathered by her master, the son was entitled to the legal status of the master's son.</p> <p>Which of the statements given above are correct?</p> <p>(a) 1 and 2 only  (b) 2 and 3 only  (c) 1 and 3 only  (d) 1, 2 and 3</p>	D	The Arthashastra states that a man could be a slave either by birth, by voluntarily selling himself, by being captured in war, or as a result of a <b>judicial punishment</b> . Slavery was a recognized institution and the legal relationship between master and slave was clearly defined e.g. <b>if a female slave bore her master a son, not only was she legally free but the child was entitled to legal status of the master's son.</b>	This question seeks to test the fundamental knowledge.	D	F	<a href="http://indiansaga.com/others/slavery.html">http://indiansaga.com/others/slavery.html</a>	R R

61	Economics	<p>Consider the following statements:</p> <ol style="list-style-type: none"> <li>1. Tight monetary policy of US Federal Reserve could lead to capital flight.</li> <li>2. Capital flight may increase the interest cost of firms with existing External Commercial Borrowings (ECBs).</li> <li>3. Devaluation of domestic currency decreases the currency risk associated with ECBs.</li> </ol> <p>Which of the statements given above are correct?</p> <p>(a) 1 and 2 only  (b) 2 and 3 only  (c) 1 and 3 only  (d) 1, 2 and 3</p>	<p><b>A</b> Tight monetary policy implies the Central Bank (or authority in charge of Monetary Policy) is seeking to reduce the demand for money and limit the pace of economic expansion. Central banks engage in tight monetary policy when an economy is accelerating too quickly or inflation is rising too fast and usually involves increasing interest rates.</p> <p>Tight monetary policy of US Federal Reserve means hiking the federal funds rate—the rate at which banks lend to each other—increases borrowing rates and slows lending. Rate increases make borrowing less attractive as interest payments increase. It affects all types of borrowing including personal loans, mortgages, and interest rates on credit cards. Faster Fed rate could rattle financial markets and tighten financial conditions globally especially in emerging market economies like India. For instance, an aggressive monetary tightening would raise US yields and strengthen the US dollar against EM currencies like rupee. As a result, US-based foreign portfolio investors/Foreign institutional investors investing in countries like India would pull money out from here and invest in "safe heaven" US assets (Treasury bonds) and thus leading significant capital flight from India. <b>Hence statement 1 is correct.</b></p> <p>The sudden stops and reversal of capital flows will lead to depreciation pressures on emerging market currencies like rupee. When foreign investors invest in equities, bonds and other financial assets in EMEs, they measure financial returns in the US dollar and other foreign currencies. If the EM currency depreciates against the US dollar, it decreases the value of their investments in dollar terms and, therefore, they may engage in distress sales of funds. This capital flight may increase interest cost of firms with a large stock of foreign currency debt as rising US dollar would increase the debt-servicing costs (in local currencies) for firms. <b>Hence statement 2 is correct.</b></p>	Recent rate hikes by Federal reserve and announcement of fed tampering leading FIIs/FPIs to sell financial assets in emerging economies like India.	M	FA	<p><a href="https://thewire.in/economy/the-us-feds-aggressive-monetary-policy-tightening-and-new-headwinds-for-emerging-markets">https://thewire.in/economy/the-us-feds-aggressive-monetary-policy-tightening-and-new-headwinds-for-emerging-markets</a></p> <p><a href="https://www.business-standard.com/article/finance/ecb-inflows-to-moderate-on-rising-rates-depreciating-rupee-bank-of-baroda-122052400327_1.html">https://www.business-standard.com/article/finance/ecb-inflows-to-moderate-on-rising-rates-depreciating-rupee-bank-of-baroda-122052400327_1.html</a></p> <p><a href="https://m.rbi.org.in/scripts/PublicationsView.aspx?id=20994">https://m.rbi.org.in/scripts/PublicationsView.aspx?id=20994</a></p> <p><a href="https://www.investopedia.com/terms/t/tightmonetarypolicy.aspx#:~:text=Tight%20monetary%20policy%20is%20an,prices%E2%80%94is%20rising%20too%20fast.">https://www.investopedia.com/terms/t/tightmonetarypolicy.aspx#:~:text=Tight%20monetary%20policy%20is%20an,prices%E2%80%94is%20rising%20too%20fast.</a></p>	E N	<p><b>All India Test Series: Test 3496</b></p> <p>In the context of US Federal Reserve, which of the following best describes taper tantrum, a term sometimes seen in the news?</p> <p>(a) It is a situation in monetary policy that sees interest rates falling below 0%.</p> <p>(b) It refers to a shift in monetary policy that led to decrease in the purchase of the treasury bonds by US Fed.</p> <p>(c) It is when monetary policy becomes ineffective due to very low interest rates.</p> <p>(d) Increase in capital inflows in emerging markets due to Quantitative Easing by US Federal Reserve.</p> <p><b>Explanation</b></p> <p>In 2013, as the world was coming out of a global financial crisis, the United States Federal Reserve said it would gradually reduce quantitative easing instituted after the Lehman Brothers bankruptcy in 2008. This would involve slowing the purchase of treasury bonds and hence reducing the money being pumped into the US economy. The announcement led to a sudden sell-off in global stocks and bonds. This triggered capital outflows and</p>
----	-----------	---	---	---	---	----	---	--------	---

			<p>Devaluation of domestic currency increases the currency risk associated with ECBs (as mostly foreign currency denominated). For instance, if at the time of raising loan through ECBs, 1 dollar was equal to Rs 75 and in future with depreciation/devaluation of domestic currency, 1 dollar becomes Rs 80. <b>In this case, companies/firms done borrowing through ECBs would have to pay back more as converting more rupee with their dollar equivalent and in turn increases their currency risk. Hence statement 3 is not correct.</b></p>					<p>currency depreciation in many emerging market economies that received large capital inflows. This episode earned the nickname taper tantrum. Hence, option (b) is the correct answer.</p> <p><b>Vision IAS Open test (2022) - 3375</b></p> <p>Consider the following statements with reference to External Commercial Borrowings (ECBs):</p> <ol style="list-style-type: none"> <li>1. ECBs can be raised in Indian Rupees (INR).</li> <li>2. ECB proceeds cannot be utilised for investment in the capital market.</li> <li>3. Increase in ECBs will result in the decline of forex reserves.</li> </ol> <p>Which of the statements given above is/are correct?  (a) 1 only (b) 1 and 2 only  (c) 2 and 3 only (d) 1 and 3 only</p>
62	Geography	<p>Consider the following States:</p> <ol style="list-style-type: none"> <li>1. Andhra Pradesh</li> <li>2. Kerala</li> <li>3. Himachal Pradesh</li> <li>4. Tripura</li> </ol> <p>How many of the above are generally known as tea-producing States?  (a) Only one State  (b) Only two States  (c) Only three States  (d) All four States</p>	<p><b>C</b> <b>Today the major tea growing states are Assam, West Bengal, Tripura, Tamil Nadu, Kerala and Karnataka. Himachal Pradesh and Uttarakhand</b> are also traditional tea growing states, albeit to a less significant extent.</p> <p><b>In Himachal Pradesh, tea is grown in the Mandi and Kangra districts</b> over an area of 2,063 hectares. Kangra, known as "the valley of gods," is famous for its distinct flavoured tea. Tripura is categorized as a traditional tea-growing State with about 54 Tea Estates, 21 Tea processing factories, and more than 2500 small tea growers.</p>	This question seeks to test the fundamental knowledge.	M	FA	<p><a href="https://www.tea.gov.in/pdf/Production_data_for_2021_and_2021_22_pdf223.pdf">https://www.tea.gov.in/pdf/Production_data_for_2021_and_2021_22_pdf223.pdf</a></p> <p><a href="https://www.indiatea.org/tea_growing_regions">https://www.indiatea.org/tea_growing_regions</a></p>	RM

63	Economics	<p>Consider the following statements:</p> <ol style="list-style-type: none"> <li>1. In India, credit rating agencies are regulated by Reserve Bank of India.</li> <li>2. The rating agency popularly known as ICRA is a public limited company.</li> <li>3. Brickwork Ratings is an Indian credit rating agency.</li> </ol> <p>Which of the statements given above are correct.</p> <p>(a) 1 and 2 only (b) 2 and 3 only (c) 1 and 3 only (d) 1, 2 and 3</p>	<p><b>B Credit rating agencies in India are regulated by SEBI.</b></p> <p>The SEBI (Credit Rating Agencies) Regulations, 1999 govern the credit rating agencies and provide for eligibility criteria for registration of credit rating agencies, monitoring and review of ratings, requirements for a proper rating process, avoidance of conflict of interest and inspection of rating agencies by SEBI, amongst other things. <b>Hence statement 1 is correct.</b></p> <p>ICRA Limited (formerly Investment Information and Credit Rating Agency of India Limited) was set up in 1991 by leading financial/investment institutions, commercial banks and financial services companies as an independent and professional investment Information and Credit Rating Agency. Today, ICRA and its subsidiaries together form the ICRA Group of Companies (Group ICRA). <b>ICRA is a Public Limited Company, with its shares listed on the Bombay Stock Exchange and the National Stock Exchange. Hence statement 2 is correct.</b></p> <p><b>Brickwork Ratings (BWR), is a SEBI registered Indian Credit Rating Agency</b> founded by bankers, credit rating professionals, former regulators as well as professors, is committed to promoting Financial Literacy. Brickwork Ratings has Canara Bank, a leading Public Sector Bank, as its promoter and strategic partner. <b>Hence statement 3 is correct.</b></p>	<p>Recently, SAT sets aside Rs 1-cr penalty imposed on Brickwork Ratings by Sebi</p>	M	FCA	<p><a href="https://www.sebi.gov.in/sebi_data/faqfiles/oct-2021/1634902664371.pdf">https://www.sebi.gov.in/sebi_data/faqfiles/oct-2021/1634902664371.pdf</a></p> <p><a href="https://www.business-standard.com/article/companies/sat-sets-aside-rs-1-cr-penalty-imposed-on-brickwork-ratings-by-sebi-122032801153_1.html">https://www.business-standard.com/article/companies/sat-sets-aside-rs-1-cr-penalty-imposed-on-brickwork-ratings-by-sebi-122032801153_1.html</a></p> <p><a href="https://www.brickworkratings.com/Aboutus.aspx">https://www.brickworkratings.com/Aboutus.aspx</a></p> <p><a href="https://www.icra.in/Home/Profile#:~:text=ICRA%20is%20a%20Public%20Limited,and%20the%20National%20Stock%20Exchange.">https://www.icra.in/Home/Profile#:~:text=ICRA%20is%20a%20Public%20Limited,and%20the%20National%20Stock%20Exchange.</a></p>	E N	<p><b>Monthly Current Affairs Magazine March 2022</b> page no 27</p> <p><b>Test 2880 (2019 Abhyaas)</b></p> <p>Consider the following statements with reference to credit rating agencies in India:</p> <ol style="list-style-type: none"> <li>1. Credit rating agencies primarily rate the lending abilities of investors.</li> <li>2. In India, credit rating agencies have to be registered with the Securities and Exchange Board of India.</li> <li>3. CRISIL is the only credit rating agency of India.</li> </ol> <p>Which of the statements given above is/are correct?</p> <p>(a) 1 only (b) 2 only (c) 2 and 3 only (d) 1, 2 and 3</p>
64	Economics	<p>With reference to the 'Banks Board Bureau (BBB)', which of the following statements are correct?</p> <ol style="list-style-type: none"> <li>1. The Governor of RBI is the Chairman of BBB.</li> <li>2. BBB recommends for the selection of heads of Public Sector</li> </ol>	<p><b>B</b> Central Government notified the amendment to the Nationalised Banks (Management and Miscellaneous Provisions) Scheme, 1980 providing the legal framework for composition and functions of the Banks Board Bureau on March 23, 2016. The Bureau accordingly started functioning from April 01, 2016 as an autonomous recommendatory body.</p> <p>The board comprises the Chairman, three ex-officio members i.e. Secretary, Department of Public</p>	<p>Restructuring of Banks Board Bureau was in news as its members extended two-year term</p>	E	FCA	<p><a href="https://banksboardbureau.org.in/bureau-profile/">https://banksboardbureau.org.in/bureau-profile/</a></p> <p><a href="https://economictimes.indiatimes.com/news/economy/policy/government-to-soon-approve-recast-of-banks-">https://economictimes.indiatimes.com/news/economy/policy/government-to-soon-approve-recast-of-banks-</a></p>	E N	<p><b>All India Test Series: Test 3504</b></p> <p>Consider the following statements regarding Bank Board Bureau (BBB):</p> <ol style="list-style-type: none"> <li>1. It will advise the government on top-level appointments at Public Sector Banks (PSBs) and Financial Institutions (FIs).</li> </ol>

		<p>Banks. 3. BBB helps the Public Sector Banks in developing strategies and capital raising plans. Select the correct answer using the code given below: (a) 1 and 2 only (b) 2 and 3 only (c) 1 and 3 only (d) 1, 2 and 3</p>	<p>Enterprises, Secretary of the Department of Financial Services and Deputy Governor of the Reserve Bank of India and three expert members. <b>The Governor of RBI is not its chairman. Hence statement 1 is not correct.</b> The Banks Board Bureau is mandated to select and appointment Board members for various financial institutions in public sector like Public sector banks, insurance companies. It is also required to undertake activities in the sphere of governance in these institutions. The functions of the Bureau outlined in the Section 7(C) of the Scheme and in subsequent amendments as per orders of Appointment Committee of the Cabinet are :- a) <b>To recommend the selection and appointment of Board of Directors in Mandated Institutions (Whole Time Directors and Chairman). Hence statement 2 is correct.</b> b) To advise the Central Government on matters relating to appointments, confirmation or extension of tenure and termination of services of the Directors of mandated institutions. c) To advise the Central Government on the desired management structure of mandated institutions, at the level of Board of Directors and senior management. d) To advise the Central Government on a suitable performance appraisal system for mandated institutions. e) To build a data bank containing data relating to the performance of mandated institutions and its officers. f) To advise the Central Government on the formulation and enforcement of a code of conduct and ethics for managerial personnel in mandated institutions. g) To advise the Central Government on evolving suitable training and development programs for managerial personnel in mandated institutions. h) <b>To help the banks in terms of developing business strategies and capital raising plan. Hence statement 3 is correct.</b> i) Any other work assigned by the Government in consultation with Reserve Bank of India.</p>	<p>concluded on April 10.</p>		<p>board-bureau/articleshow/91574167.cms  <a href="https://economictimes.indiatimes.com/news/company/corporate-trends/banks-board-bureau-recommends-names-for-chiefs-of-psu-banks/articleshow/90275752.cms">https://economictimes.indiatimes.com/news/company/corporate-trends/banks-board-bureau-recommends-names-for-chiefs-of-psu-banks/articleshow/90275752.cms</a></p>	<p>2. It has been set up as a three member body. 3. Only a retired governor of RBI can become the Chairman of the Bureau. Which of the statements given above is/are correct? (a) 1 and 2 only (b) 1 only (c) 2 and 3 only (d) 1, 2 and 3</p>
--	--	--	--	-------------------------------	--	---	---

65	Economics	<p>With reference to Convertible Bonds, consider the following statements:</p> <ol style="list-style-type: none"> <li>1. As there is an option to exchange the bond for equity, Convertible Bonds pay a lower rate of interest.</li> <li>2. The option to convert to equity affords the bondholder a degree of indexation to rising consumer prices.</li> </ol> <p>Which of the statements given above is/are correct?</p> <p>(a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2</p>	<p><b>C</b> A convertible bond is a fixed-income corporate debt security that yields interest payments, but can be converted into a predetermined number of common stock or equity shares. It offers investors a type of hybrid security that has features of a bond, such as interest payments, while also having the option to own the underlying stock.</p> <p>Issuing convertible bonds can help companies minimize negative investor sentiment that would surround equity issuance. Further, issuing convertible bonds can also help provide investors with some security in the event of default. A convertible bond protects investors' principal on the downside, but allows them to participate in the upside should the underlying company succeed. <b>However, convertible bonds tend to offer a lower coupon rate or rate of return in exchange for the value of the option to convert the bond into common stock.</b> Companies benefit since they can issue debt at lower interest rates than with traditional bond offerings. However, not all companies offer convertible bonds. <b>Hence statement 1 is correct.</b></p> <p>The option to convert to equity affords the bondholder a degree of indexation to rising consumer prices. As indexation will ensure that prices are adjusted with inflation over a period of time. With the help of indexation, bondholders will be able to lower their long-term capital gains (as their investment will be adjusted with inflation) even when converting bonds into equity, which brings down their taxable income. <b>Hence statement 2 is correct.</b></p>	Bonds like corporate bonds, convertible bonds aim to test fundamental understanding.	D	FA	<p><a href="https://www.investopedia.com/terms/c/convertiblebond.asp#:~:text=However%20convertible%20bonds%20tend%20to,all%20companies%20offer%20convertible%20bonds.">https://www.investopedia.com/terms/c/convertiblebond.asp#:~:text=However%20convertible%20bonds%20tend%20to,all%20companies%20offer%20convertible%20bonds.</a></p> <p><a href="https://www.economist.com/finance-and-economics/2021/07/10/why-convertible-bonds-are-the-asset-class-for-the-times">https://www.economist.com/finance-and-economics/2021/07/10/why-convertible-bonds-are-the-asset-class-for-the-times</a></p>	R M	
66	International Relations	<p>Consider the following:</p> <ol style="list-style-type: none"> <li>1. Asian Infrastructure Investment Bank</li> <li>2. Missile Technology Control Regime</li> <li>3. Shanghai Cooperation Organisation</li> </ol>	<p><b>D</b> <b>The Asian Infrastructure Investment Bank (AIIB)</b> is a multilateral development bank with a mission to improve social and economic outcomes in Asia and beyond. Headquartered in Beijing, It commenced operations in January 2016. <b>India is a founding member of AIIB</b> with the second-highest voting share after China.</p> <p>The Missile Technology Control Regime (MTCR) is an</p>	The organisations/groups mentioned in the question - SCO, MTCR,	E	CA	<p><a href="https://www.livemint.com/news/india/india-may-not-alter-rules-of-engagement-with-aiib-11595985481157.html">https://www.livemint.com/news/india/india-may-not-alter-rules-of-engagement-with-aiib-11595985481157.html</a></p>	E N	<p><b>PT 365 2022 International Relations</b> (pg no 41, 45, 50) <b>VISIONIAS All India Test Series: Test 3493</b> Which of the following statements regarding the Asian Infrastructure Investment Bank (AIIB) are</p>

		<p>India is a member of which of the above?</p> <p>(a) 1 and 2 only  (b) 3 only  (c) 2 and 3 only  (d) 1, 2 and 3</p>	<p>informal political understanding among states that seek to limit the proliferation of missiles and missile technology. The regime was formed in 1987. <b>India became an official member of the Missile Technology Control Regime (MTCR) in 2018.</b></p> <p>The Shanghai Cooperation Organisation (SCO) is a transcontinental political, economic, security, and military alliance founded in 2001. On 9 June 2017, at the historic summit in Astana, India and Pakistan officially joined SCO as full-fledged members. <b>The SCO currently comprises Nine Member States</b> (China, India, Kazakhstan, Kyrgyzstan, Russia, Pakistan, Tajikistan, Uzbekistan and Iran).</p> <p><b>Hence option (d) is the correct answer.</b></p>	<p>AIIB frequently appeared in news.</p>		<p><a href="https://www.thehindubusinessline.com/news/india-in-mtcr-club-can-now-export-arms/article64124008.ece">https://www.thehindubusinessline.com/news/india-in-mtcr-club-can-now-export-arms/article64124008.ece</a>  <a href="https://mea.gov.in/Portal/ForeignRelation/SCO_MULTI_Brief_feb_2020.pdf">https://mea.gov.in/Portal/ForeignRelation/SCO_MULTI_Brief_feb_2020.pdf</a></p>	<p>correct?</p> <ol style="list-style-type: none"> <li>1. AIIB is the second largest multilateral development bank by membership after the World Bank.</li> <li>2. China is the largest shareholder with 26.61% voting shares in the bank followed by Japan.</li> <li>3. AIIB offers only sovereign loans to its member countries.</li> </ol> <p>Select the correct answer using the code given below.  Explanation: China is the largest shareholder with 26.61 % voting shares in the bank followed by India (7.6%), Russia (6.01%), and Germany (4.2 %).</p> <p>Test 3488:  Which of the following statements with respect to Shanghai Cooperation Organization (SCO) are correct?</p> <ol style="list-style-type: none"> <li>1. It originated from Shanghai five grouping of 1996.</li> <li>2. Afghanistan is the latest country to become the permanent member of the grouping.</li> <li>3. The objective of SCO is to fight terrorism, separatism and extremism, bolster trade and economic growth, and advance people-to-people ties.</li> </ol> <p>Select the correct answer using the code given below.</p>
--	--	---	--	--	--	---	--

									Explanation: The SCO currently comprises eight Member States (China, India, Kazakhstan, Kyrgyzstan, Russia, Pakistan, Tajikistan and Uzbekistan).
67	International Relations	<p>Consider the following statements:</p> <ol style="list-style-type: none"> <li>1. Vietnam has been one of the fastest growing economies in the world in the recent years.</li> <li>2. Vietnam is led by a multi-party political system.</li> <li>3. Vietnam's economic growth is linked to its integration with global supply chains and focus on exports.</li> <li>4. For a long time Vietnam's low labour costs and stable exchange rates have attracted global manufacturers.</li> <li>5. Vietnam has the most productive e-service sector in the Indo-Pacific region.</li> </ol> <p>Which of the statements given above are correct?</p> <ol style="list-style-type: none"> <li>(a) 2 and 4</li> <li>(b) 3 and 5</li> <li>(c) 1, 3 and 4</li> <li>(d) 1 and 2</li> </ol>	<p><b>C</b> <b>Vietnam is a one-party communist state, not a multi party parliamentary democracy. Hence statement 2 is not correct.</b></p> <p>Vietnam's open economic policy of recent years integrating into global supply chains has made the growth success story possible in recent years. <b>Vietnam's export-led growth strategy and global integration</b> are among the key factors behind the country's remarkable achievements in growth and poverty. Between 2002 and 2021, GDP per capita increased 3.6 times, reaching almost US\$3,700. Poverty rates declined sharply from over 32 percent in 2011 to below 2 percent today. Thanks to its solid foundations, the <b>economy has proven resilient through different crises</b>, the latest being COVID-19. Vietnam was one of only a few countries to post GDP growth in 2020 when the pandemic hit. Vietnam is <b>projected to be the fastest-growing internet economy in Southeast Asia in the next 10 years. Hence statements 1 and 3 are correct.</b></p> <p>Thanks to an abundance of low-wage labour, Vietnam's manufacturing sector grew at a compound annual growth in the last decade. As the rest of East Asia developed and wages there rose, global manufacturers were lured by <b>Vietnam's low labour costs and stable exchange rate. Hence statement 4 is correct.</b></p> <p>According to Asian Development Bank Report, e-services including digital financial services are at a very nascent stage in Vietnam. Vietnamese fintech companies raised a total of US\$375 million in the first nine months of 2021, putting the country at the 3rd position in fintech investment amount across ASEAN, behind only Singapore and Indonesia. Countries like Philippines, Singapore and Indonesia are the forefront in e-commerce productivity. <b>Hence statement 5 is not correct.</b></p>	Vietnam was in news as it has taken decisive steps to limit both the health and economic fallout.	M	CAA	<a href="https://www.bbc.com/news/world-asia-pacific-16567315">https://www.bbc.com/news/world-asia-pacific-16567315</a> <a href="https://www.economist.com/finance-and-economics/2021/08/30/the-economy-that-covid-19-could-not-stop">https://www.economist.com/finance-and-economics/2021/08/30/the-economy-that-covid-19-could-not-stop</a> <a href="https://www.worldbank.org/en/country/vietnam/overview#1">https://www.worldbank.org/en/country/vietnam/overview#1</a>	EN	<b>Monthly Current Affairs September 2021</b> page 31, 34

68	Economics	<p>In India, which one of the following is responsible for maintaining price stability by controlling inflation?</p> <p>(a) Department of Consumer Affairs  (b) Expenditure Management Commission  (c) Financial Stability and Development Council  (d) Reserve Bank of India</p>	<p><b>D</b> <b>The Reserve Bank of India (RBI)</b> is vested with the responsibility of conducting monetary policy. This responsibility is explicitly mandated under the Reserve Bank of India Act, 1934. <b>The primary objective of monetary policy is to maintain price stability while keeping in mind the objective of growth.</b> Price stability is a necessary precondition to sustainable growth.</p> <p>The MPC (Monetary Policy Committee) determines the policy interest rate required to achieve the inflation target. The Reserve Bank's Monetary Policy Department (MPD) assists the MPC in formulating the monetary policy. Views of key stakeholders in the economy, and analytical work of the Reserve Bank contribute to the process for arriving at the decision on the policy repo rate. The Financial Markets Operations Department (FMOD) of RBI operationalises the monetary policy, mainly through day-to-day liquidity management operations. The Financial Markets Committee (FMC) meets daily to review the liquidity conditions so as to ensure that the operating target of the weighted average call money rate (WACR) is aligned with the repo rate.</p> <p>There are several direct and indirect instruments that are used by RBI for implementing monetary policy for price stability by keeping check on inflation such as Repo rate, Reverse repo, Open market operations, Liquidity adjustment facility, etc. For example, RBI does it by increasing the repo rate in the economy, if inflation is high. Increase in interest rate is believed to bring down the inflation level in the economy by curtailing the amount of economic activity whereas decreasing the interest rate increases the inflation level of the economy by increasing the economic activity. <b>Hence option (d) is the correct answer.</b></p>	<p>This question seeks to test the fundamental knowledge, as maintaining price stability by controlling inflation is prerogative of RBI.</p>	E	F	<p><a href="https://www.rbi.org.in/scripts/FIS_Overview.aspx?fn=2752">https://www.rbi.org.in/scripts/FIS_Overview.aspx?fn=2752</a></p> <p><a href="https://www.thehindubusinessline.com/opinion/inflation-targeting-has-been-a-success/article34208320.ece">https://www.thehindubusinessline.com/opinion/inflation-targeting-has-been-a-success/article34208320.ece</a></p> <p><a href="https://www.hindustantimes.com/ht-insight/economy/inflation-targeting-and-the-indian-economy-101626850971101.html">https://www.hindustantimes.com/ht-insight/economy/inflation-targeting-and-the-indian-economy-101626850971101.html</a></p>	E N	<p><b>PT 365 2022 Economy All India Test Series 3490 (AITS 2022)</b></p> <p>In the explanation to the following question.</p> <p>Recently Consumer Price Index (CPI) has been declining but the Wholesale Price Index (WPI) has been rising, with reference to inflation and its targeting in India, consider the following statements:</p> <ol style="list-style-type: none"> <li>1. Increase in inflation indicates a decrease in purchasing power of a given currency over time.</li> <li>2. The Reserve Bank of India (RBI) uses Consumer Price Index (CPI) for inflation targeting in India.</li> </ol> <p>Which of the statements given above is/are correct?</p> <p>(a) 1 only  (b) 2 only  (c) Both 1 and 2  (d) Neither 1 and 2</p>
69	Current Affairs	<p>With reference to Non-Fungible Tokens (NFTs), consider the following statements:</p> <ol style="list-style-type: none"> <li>1. They enable the</li> </ol>	<p><b>A</b> Non-fungible tokens, commonly known as NFTs, are unique cryptographic tokens that exist on a blockchain and cannot be replicated—having a unique identification code and metadata. <b>Hence statement 2 is correct.</b></p>	<p>Recently in Budget 2022-23, Government included</p>	M	FCA	<p><a href="https://indianexpress.com/article/explained/everyday-explainers/what-are-non-">https://indianexpress.com/article/explained/everyday-explainers/what-are-non-</a></p>	E N	<p><b>Monthly Current Affairs April 2021, News Today 25th January 2022 All India Test Series: Test 3493</b></p>

		<p>digital representation of physical assets.</p> <p>2. They are unique cryptographic tokens that exist on a blockchain.</p> <p>3. They can be traded or exchanged at equivalency and therefore can be used as a medium of commercial transactions.</p> <p>Which of the statements given above are correct?</p> <p>(a) 1 and 2 only (b) 2 and 3 only (c) 1 and 3 only (d) 1, 2 and 3</p>		<p>Anything that can be converted into a digital form can be an NFT. Everything from one's drawings, photos, videos, GIF, music, in-game items, selfies, and even a tweet can be turned into an NFT. <b>Hence statement 1 is correct.</b></p> <p>NFTs and cryptocurrencies are very different from each other. Cryptocurrency is a currency and is fungible, meaning that it is interchangeable. For instance, if you hold one crypto token, say one Ethereum, the next Ethereum that you hold will also be of the same value. But NFTs are non-fungible, that means the value of one NFT is not equal to another. Every art is different from other, making it non fungible, and unique. Thus, unlike cryptocurrencies, they cannot be traded or exchanged at equivalency and therefore cannot be used as a medium of commercial transactions. <b>Hence statement 3 is not correct.</b></p>	<p>capital gains from virtual digital assets like cryptocurrencies and non-fungible tokens (NFTs) with 30% income tax.</p>		<p>fungible-tokens-nft-7783662/ <a href="https://www.investopedia.com/non-fungible-tokens-nft-5115211#:~:text=NFTs%20are%20unique%20cryptographic%20tokens,reducing%20the%20probability%20of%20fraud.">https://www.investopedia.com/non-fungible-tokens-nft-5115211#:~:text=NFTs%20are%20unique%20cryptographic%20tokens,reducing%20the%20probability%20of%20fraud.</a></p> <p><a href="https://www.livemint.com/money/personal-finance/tax-implications-of-minting-nfts-11650108809813.html">https://www.livemint.com/money/personal-finance/tax-implications-of-minting-nfts-11650108809813.html</a></p>	<p>With reference to Non-fungible tokens (NFTs), consider the following statements:</p> <p>1. NFT is a digital asset that exists on a blockchain with a unique digital signature. 2. These can be bought with cryptocurrencies or cash. 3. All kinds of digital objects including texts and tweets on twitter can be turned into an NFT.</p> <p>Which of the statements given above is/are correct?</p> <p>(a) 1 and 3 only (b) 2 only (c) 1 and 2 only (d) 1, 2 and 3</p>		
70	Geography	<p>Consider the following pairs:</p> <p><b>Reservoirs States</b></p> <p>1. Ghataprabha – Telangana 2. Gandhi Sagar – Madhya Pradesh 3. Indira Sagar – Andhra Pradesh 4. Maithon – Chhattisgarh</p> <p>How many pairs given above are not correctly matched?</p> <p>(a) Only one pair (b) Only two pairs (c) Only three pairs (d) All four pairs</p>	C	<p><b>Pair 1 is not correctly matched:</b> Raja Lakhamagouda dam, also known as Hidkal dam, is a dam constructed across the Ghataprabha River in the Krishna River basin. It is situated at Hidkal village in Hukkeri Taluk of Belagavi district in North Karnataka.</p> <p><b>Pair 2 is correctly matched:</b> Gandhisagar Dam is located in the Mandsaur, districts of the state of Madhya Pradesh. The Dam is constructed on the Chambal River.</p> <p><b>Pair 3 is not correctly matched:</b> The Indira Sagar Dam is the largest dam in India, in terms of volume of water stored in the reservoir. It is located on the Narmada River at the town of Narmada Nagar, Punasa in the Khandwa district of Madhya Pradesh in India.</p> <p><b>Pair 4 is not correctly matched:</b> Maithon is located on the banks of river Barakar. The Maithon Dam is located about 48 kms from the Coal City of Dhanbad, Jharkhand.</p>	<p>This question seeks to test the fundamental knowledge.</p>	D	F	Standard Reference Atlas	E M	<p><b>Vision IAS Open Test 3375(2022)</b></p> <p>Recently, Project Lion was announced for the conservation of Asiatic Lion. Which of the following sites has been identified under the plan?</p> <p>1. Gandhi Sagar Wildlife Sanctuary 2. Sitamata Wildlife Sanctuary 3. Mukundra Hills Tiger Reserve 4. Narayan Sarovar Sanctuary</p> <p>Select the correct answer using the code given below.</p>

71	Economics	<p>In India, which one of the following compiles information on industrial disputes, closures, retrenchments and lay-offs in factories employing workers?</p> <p>(a) Central Statistics Office  (b) Department for Promotion of Industry and Internal Trade  (c) Labour Bureau  (d) National Technical Manpower Information System</p>	<p><b>C</b> Labour Bureau has been engaged in collection, compilation, analysis and dissemination of labour statistics at All India and State level on different facets of labour since its inception in the year 1920. <b>It releases annual publication titled, 'Industrial Disputes, Closures, Retrenchments and Lay-Offs in industries in India'. It provides statistics on work-stoppages, closures, retrenchments and lockouts which is useful in making policies for maintaining cordial and harmonious relations between the management and the worker.</b> This report is also aimed at meeting the demand for historical data and information on industrial conflicts and their causes by the planners, policy makers and decision makers in industry and government. <b>Hence option (c) is the correct answer.</b></p>	Labour Bureau releases annual publication titled, 'Industrial Disputes, Closures, Retrenchments and Lay-Offs in industries in India'.	M	F	<p><a href="https://labour.gov.in/sites/default/files/Annual_Report_202021_English.pdf">https://labour.gov.in/sites/default/files/Annual_Report_202021_English.pdf</a></p> <p><a href="http://www.labourbureau.gov.in/UserContent/ID_Review_2014.pdf?pr_id=FfR6mn4XUVE%3D">http://www.labourbureau.gov.in/UserContent/ID_Review_2014.pdf?pr_id=FfR6mn4XUVE%3D</a></p> <p><a href="https://economictimes.indiatimes.com/news/economy/indicators/3557-workers-affected-by-lay-offs-across-india-between-january-and-june-labour-ministry-data/articleshow/78232681.cms?from=mdr">https://economictimes.indiatimes.com/news/economy/indicators/3557-workers-affected-by-lay-offs-across-india-between-january-and-june-labour-ministry-data/articleshow/78232681.cms?from=mdr</a></p>	R M	
72	Polity & Governance	<p>In India, what is the role of the Coal Controller's Organization (CCO)?</p> <p>1. CCO is the major source of Coal Statistics in Government of India.  2. It monitors progress of development of Captive Coal/Lignite blocks.  3. It hears any objection to the</p>	<p><b>A</b> Coal controller organization (earlier Coal Commissioner), established in 1916, is one of the oldest offices in Indian Coal sector. Main aim behind setting up this office was to have Government control to adequately meet the coal requirement during First World War. Acute scarcity of coal necessitated promulgation of Colliery Control Order, 1944 for effective control on production, distribution and pricing of coal. Subsequently, it was revised by a more comprehensive order in 1945. Later in 1996, distribution and pricing of coal was deregulated. Thereafter, Colliery Control Order, 2000 superseded the previous order. Finally, the Colliery Control Rules, 2004, was published by Government of India in August, 2004.</p>	Recently, government inaugurated an extended office of Coal Controller's Organization, a subordinate office under the	D	FA	<p><a href="http://www.coalcontroller.gov.in/pages/display/5-functionsresponsibilities">http://www.coalcontroller.gov.in/pages/display/5-functionsresponsibilities</a></p> <p><a href="https://energy.economictimes.indiatimes.com/news/coal/extended-office-of-coal-controllers-organization-inaugurated/89">https://energy.economictimes.indiatimes.com/news/coal/extended-office-of-coal-controllers-organization-inaugurated/89</a></p>	E N	

	<p>Government's notification relating to acquisition of coal-bearing areas.</p> <p>4. It ensures that coal mining companies deliver the coal to end users in the prescribed time.</p> <p>Select the correct answer using the code given below:</p> <p>(a) 1, 2 and 3  (b) 3 and 4 only  (c) 1 and 2 only  (d) 1, 2 and 4</p>	<p><b>Functions of Coal Controller's Organization</b></p> <p><b>(i) Under Colliery Control Rules, 2004:</b></p> <p>(a) To lay down procedure and standard for sampling of coal.</p> <p>(b) Inspection of collieries so as to ensure the correctness of the class, grade or size of coal.</p> <p>(c) To issue directives for the purpose of declaration and maintenance of grades of coal of a seam mined in a colliery.</p> <p>(d) To act as the appellate authority in case of dispute between consumers and owner arising out of declaration of grade and size of coal.</p> <p>(e) To regulate disposal of stock of coal or the expected output of coal in the colliery.</p> <p>(f) Quality surveillance with respect to maintenance of grade, loading of coal in wagons/ trucks according to laid down procedures regarding grades and sizes.</p> <p>(g) To grant opening / re-opening permission of coal mine, seam or a section of seam or to subdivide a mine.</p> <p><b>(ii) Under Collection of Statistics Act, 2008:</b></p> <p>(a) <b>Coal Controller has been made the statistical authority with respect to coal and lignite statistics. Hence statement 1 is correct.</b></p> <p>(b) Entrusted the responsibility of carrying out Annual Coal &amp; Lignite survey and publishing of Provisional Coal Statistics and Coal Directory of India.</p> <p>(c) Submission of monthly coal data to different ministries of central and state Govt., national and international organization.</p> <p>(d) Collection of Statistics relating to coal washeries.</p> <p><b>(iii) Under Coal Bearing Area (Acquisition and Development) Act, 1957:</b></p> <p>Coal Controller is the competent authority under this act to hear any objection to the Central Government's Notification relating to acquisition of coal bearing land and to furnish his reports to Central Govt. <b>Hence statement 3 is correct.</b></p> <p><b>(iv) Under Coal Mines (Conservation &amp; Development) Act, 1974 and Coal Mines (Conservation and Development) Amendment Rules, 2011:</b></p>	Ministry of Coal.		128579	
--	--	---	-------------------	--	--------	--

			<p>(a) Assessment and collection of excise duty levied on all raw coal raised and dispatched.</p> <p>(b) Providing financial support to the coal operators for-</p> <ul style="list-style-type: none"> <li>-Ensuring the conservation of coal resources: Stowing in UG mines.</li> <li>-Undertaking the development of coal mines in a scientific manner.</li> <li>-Undertaking research in relation to conservation of coal, development of coal mines and utilization of coal.</li> <li>-Protective works including blanketing with incombustible material, N2 &amp; CO2 flushing, filling up of subsided areas, cutting of trenches etc.</li> <li>-Infrastructure development such as Road / Rail infrastructures in coalfields.</li> </ul> <p><b>(v) Commissioner of Payments</b></p> <p>(a) Coal Controller functions as the Commissioner of Payment to settle the claim cases of colliery owners of pre-nationalisation period under the Coking Coal Mines (Nationalisation) act, 1972, the Non-coking Coal Mines (Nationalisation) Act, 1973 and also for the Schedule-I Coal Mines as per the Coal Mines (Special Provision) Act, 2015</p> <p><b>(vi) Others:</b></p> <p>Monitoring of Coal &amp; Lignite blocks. <b>Hence statement 2 is correct.</b></p> <p>Monitoring of opening of Escrow account as per approved MCP.</p> <p>In above roles and responsibility, it is not explicitly mentioned that CCO ensures that coal mining companies deliver the coal to end users in the prescribed time. <b>Hence option (a) is the correct answer.</b></p>				
--	--	--	--	--	--	--	--

73	Polity & Governance	<p>If a particular area is brought under the Fifth Schedule of the Constitution of India, which one of the following statements best reflects the consequence of it?</p> <p>(a) This would prevent the transfer of land of tribal people to non-tribal people.</p> <p>(b) This would create a local self-governing body in that area.</p> <p>(c) This would convert that area into a Union Territory.</p> <p>(d) The State having such areas would be declared a special Category State.</p>	<p><b>A</b> The Indian Constitution provides autonomy to tribal areas in matters of governance under the Fifth and Sixth Schedules, which is further fortified by the <b>Samatha v. State of Andhra Pradesh &amp; Ors (1997) judgment where the Supreme Court declared that the transfer of tribal land to private parties for mining was null and void under the Fifth Schedule.</b></p> <p><b>Special Provisions for Fifth Schedule Areas:</b></p> <ul style="list-style-type: none"> <li>-The Union Government shall have executive powers to give directions to the States as to the administration of the Scheduled Areas.</li> <li>- Provision for establishment of a Tribes Advisory Council (TAC) in any State having Scheduled Areas.</li> <li>- <b>The Governor may make regulations:</b> <ul style="list-style-type: none"> <li># prohibit or restrict the transfer of land by or among members of the Scheduled tribes in such area;</li> <li>#regulate the allotment of land to members of the STs in such area;</li> <li># regulate the carrying on of business as money-lender by persons who lend money to members of the STs in such area.</li> </ul> </li> <li>- At present, 10 States namely Andhra Pradesh, Chhattisgarh, Gujarat, Himachal Pradesh, Jharkhand, Madhya Pradesh, Maharashtra, Odisha, Rajasthan and Telangana have Fifth Scheduled Areas.</li> </ul>	This question seeks to test the fundamental knowledge.	M	F	Laxmikant:India n Polity Chapter: Fifth and Sixth Schedule	E M	
74	Current Affairs	<p>Consider the following statements:</p> <p>1. The India Sanitation Coalition is a platform to promote sustainable sanitation and is funded by the Government of India and the World Health Organization.</p> <p>2. The National Institute of Urban Affairs is an apex body of the Minister of Housing and Urban</p>	<p><b>B</b> <b>Statement 1 is not correct:</b> The India Sanitation Coalition was launched on June 25, 2015, at FICCI, New Delhi. ISC is a multi-stakeholder platform that brings together the private sector, government, financial institutions, civil society groups, media, donors/bilateral/multilateral, experts etc. to work in the sanitation space to drive sustainable sanitation through a partnership model.</p> <p><b>Statement 2 is correct:</b> Established in 1976, the National Institute of Urban Affairs (NIUA), is a premier Institute and appointed as an apex body to support and guide the Government of India in its urban development plans.</p>	Recently, India Sanitation Coalition (ISC) has partnered with UNICEF India to organise a national competition for identifying and	D	CA	<p><a href="https://www.newindianexpress.com/cities/delhi/2022/feb/23/content-for-promoting-hand-hygiene-2422771.html">https://www.newindianexpress.com/cities/delhi/2022/feb/23/content-for-promoting-hand-hygiene-2422771.html</a></p> <p><a href="https://pib.gov.in/PressReleasePage.aspx?PRID=1800831">https://pib.gov.in/PressReleasePage.aspx?PRID=1800831</a></p> <p><a href="http://urbanrivers.niua.org/node/46">http://urbanrivers.niua.org/node/46</a></p>	E N	<b>PT 365 2022 Economy page no 98</b>

		<p>Affairs in Government of India and provides innovative solutions to address the challenges of Urban India.</p> <p>Which of the statements given above is/are correct?</p> <p>(a) 1 only  (b) 2 only  (c) Both 1 and 2  (d) Neither 1 nor 2</p>		<p>promoting 'Product Innovations &amp; Business Solutions on designing, setting up, and operating Hand Washing with Soap Stations' in the wake of increasing pandemic resilience.</p> <p>Recently, World Economic Forum and the National Institute of Urban Affairs sign a MoU to collaborate on a jointly designed 'Sustainable Cities India program'.</p>				
--	--	---	--	--	--	--	--	--

75	Environment	<p>Which one of the following has been constituted under the Environment (Protection) Act, 1986?</p> <p>(a) Central Water Commission  (b) Central Ground Water Board  (c) Central Ground Water Authority  (d) National Water Development Agency</p>	<p><b>C</b> <b>Central Ground Water Authority (CGWA) was constituted under sub-section (3) of Section 3 of the Environment (Protection) Act, 1986</b> for the purposes of regulation and control of ground water development and management in the country.</p>	<p>This question seeks to test the fundamental knowledge.</p>	M	FA	<p><a href="http://cgwb.gov.in/aboutcgwa.html">http://cgwb.gov.in/aboutcgwa.html</a></p>	RM	<p><b>Covered in Current Affairs Magazine February 2022</b></p> <p><b>PT 365 2022 365 Updated page no 67</b></p> <p><b>MCAR February 2022: Test 3987</b></p> <p>With reference to guidelines issued by the Central Ground Water Authority (CGWA) to regulate the extraction of groundwater, consider the following statements:  1. Annual water audits are compulsory for industrial users.  2. It is mandatory for mining projects to get a No objection certificate (NoC) for withdrawal of groundwater.  3. Domestic consumers and farmers do not need NoC for drawing water up to a limit.  Which of the statements given above is/are correct?  (a) 1 only (b) 3 only  (c) 1 and 3 only (d) 1, 2 and 3</p>
76	Current Affairs	<p>With reference to the "United Nations Credentials Committee", consider the following statements:</p> <p>1. It is a committee set up by the UN Security Council and works under its supervision.  2. It traditionally meets</p>	<p><b>A</b> The <b>United Nations Credentials Committee is a committee of the United Nations General Assembly</b> whose main purpose is to report to the Assembly regarding the credentials of the body's representatives. UN Credentials Committee is <b>appointed at the beginning of each regular session</b> of the General Assembly. It consists of nine members, who are appointed by the General Assembly on the proposal of the President. The <b>Assembly meets in regular sessions from September to December each year</b>, and thereafter as required. It discusses specific issues</p>	<p>United Nations Credentials Committee was in news recently as the Committee had to review</p>	M	CA	<p><a href="https://www.thehindubusinessline.com/news/world/un-committee-to-review-taliban-credential-issue-to-meet-in-november/article36788305.ece">https://www.thehindubusinessline.com/news/world/un-committee-to-review-taliban-credential-issue-to-meet-in-november/article36788305.ece</a>  <a href="https://www.un">https://www.un</a></p>	EN	

		<p>in March, June and September every year.</p> <p>3. It assesses the credentials of all UN members before submitting a report to the General Assembly for approval. Which of the statements given above is/are correct?</p> <p>(a) 3 only (b) 1 and 3 (c) 2 and 3 (d) 1 and 2</p>		<p>through dedicated agenda items or sub-items, which lead to the adoption of resolutions. <b>Hence statements 1 and 2 are not correct.</b></p> <p>The credentials of representatives and the names of members of the delegation of each Member State are submitted to the Secretary-General and are issued either by the Head of the State or Government or by the Minister for Foreign Affairs. The <b>Committee is mandated to examine the credentials of representatives of Member States and to report to the General Assembly thereon. Hence statement 3 is correct.</b></p>	<p>credentials of Afghanistan's Taliban and Myanmar's junta government to represent their countries at the UN.</p>			<p>.org/en/ga/credentials/credentials.shtml</p>	
77	Environment	<p>Which one of the following statements best describes the 'Polar Code'?</p> <p>(a) It is the international code of safety for ships operating in polar waters.</p> <p>(b) It is the agreement of the countries around the North Pole regarding the demarcation of their territories in the polar region.</p> <p>(c) It is a set of norms to be followed by the countries whose scientists undertake research studies in the North Pole and South Pole.</p> <p>(d) It is a trade and security agreement of the member countries of the Arctic Council.</p>	A	<p><b>The International Code for Ships Operating in Polar Waters or Polar Code is an international regime adopted by the International Maritime Organization in 2014.</b> The Code sets out regulations for shipping in the polar regions, principally relating to ice navigation and ship design.</p>	<p>India recently unveiled its Arctic policy.</p>	M	CAA	<p><a href="https://www.imo.org/en/OurWork/Safety/Pages/polar-code.aspx">https://www.imo.org/en/OurWork/Safety/Pages/polar-code.aspx</a></p> <p><a href="https://indianexpress.com/article/india/india-arctic-policy-climate-change-mineral-resources-7825518/">https://indianexpress.com/article/india/india-arctic-policy-climate-change-mineral-resources-7825518/</a></p>	RM

78	International Relations	<p>With reference to the United Nations General Assembly, consider the following statements:</p> <ol style="list-style-type: none"> <li>1. The UN General Assembly can grant observer status to the non-member States.</li> <li>2. Inter-governmental organisations can seek observer status in the UN General Assembly.</li> <li>3. Permanent Observers in the UN General Assembly can maintain mission at the UN headquarters</li> </ol> <p>Which of the statements given above are correct?</p> <p>(a) 1 and 2 only (b) 2 and 3 only (c) 1 and 3 only (d) 1, 2 and 3</p>	<p><b>D</b> Observer status is a privilege granted by some organizations to non-members to give them an ability to participate in the organization's activities. The <b>United Nations General Assembly grants Permanent Observer Status</b> to non-member states, international organisations and other entities. According to UN website, "<b>observer status would be confined to states and intergovernmental organisations</b> whose activities cover matters of interest to the Assembly". The Sixth Committee of the General Assembly considers all applications for observer status before they are considered in the plenary session. <b>Hence statements 1 and 2 are correct.</b> The Permanent Observers may participate in the sessions and workings of the General Assembly and <b>maintain missions at the U.N. headquarters. Hence statement 3 is correct.</b> In December, 2021, United Nations General Assembly granted Observer status to International Solar Alliance</p>	Recently, UNGA granted observer status to International Solar Alliance.	E	CA	<a href="https://www.thehindu.com/news/national/india-introduces-draft-resolution-in-unga-for-granting-observer-status-for-international-solar-alliance/article37016157.ece">https://www.thehindu.com/news/national/india-introduces-draft-resolution-in-unga-for-granting-observer-status-for-international-solar-alliance/article37016157.ece</a> <a href="https://ask.un.org/faq/14519">https://ask.un.org/faq/14519</a>	E N	<b>Monthly Current Affairs October 2021 (Pg. 66), Monthly Current Affairs December 2021 (Pg. 27)</b>
79	Polity & Governance	<p>With reference to the "Tea Board" in India, consider the following statements:</p> <ol style="list-style-type: none"> <li>1. The Tea Board is a statutory body.</li> <li>2. It is a regulatory body attached to the Minister of Agriculture and Farmers Welfare.</li> <li>3. The Tea Board's Head Office is situated in Bengaluru.</li> <li>4. The Board has overseas offices at Dubai and Moscow.</li> </ol>	<p><b>D</b> The genesis of the Tea Board India dates back to 1903 when the Indian Tea Cess Bill was passed. <b>The present Tea Board set up under section 4 of the Tea Act 1953 was constituted on 1st April 1954.</b> It has succeeded the Central Tea Board and the Indian Tea Licencing Committee which functioned respectively under the Central Tea Board Act, 1949 and the Indian Tea Control Act, 1938 which were repealed. The activities of the two previous bodies had been confined largely to regulation of tea cultivation and export of tea as required by the International Tea Agreement then in force, and promotion of tea Consumption. <b>Statement 1 is correct and statement 2 is not correct: The present Tea Board is functioning as a statutory body of the Central Government under the Ministry of Commerce.</b> The Board is constituted of 31 members</p>	The 70-year-old Tea Act is headed for an amendment aimed at overhauling the Tea Board of India amid falling tea exports worsened by the Ukraine	M	FCA	<a href="https://economictimes.indiatimes.com/news/economy/policy/commerce-ministry-proposes-repeal-of-decades-old-tea-coffee-spices-rubber-acts/articleshow/89217798.cms">https://economictimes.indiatimes.com/news/economy/policy/commerce-ministry-proposes-repeal-of-decades-old-tea-coffee-spices-rubber-acts/articleshow/89217798.cms</a> <a href="https://www.livemint.com/economy/tea-board-of-india-">https://www.livemint.com/economy/tea-board-of-india-</a>	E N	

		<p>Which of the statements given above are correct?</p> <p>(a) 1 and 3 (b) 2 and 4 (c) 3 and 4 (d) 1 and 4</p>	<p>(including Chairman) drawn from Members of Parliament, tea producers, tea traders, tea brokers, consumers, and representatives of Governments from the principal tea producing states, and trade unions.</p> <p><b>The Board is reconstituted every three years.</b></p> <p><b>Statement 3 is not correct: Its head office is located at Kolkata (West Bengal).</b></p> <p><b>Statement 4 is correct: Currently Tea Board has two overseas offices located at Dubai, and Moscow.</b> All these foreign offices of the Board are designed to undertake the various promotional measures to boost up export of Indian tea. These offices also act as a liaison office for interaction between importers of Indian tea of the respective regions as well as Indian Exporters.</p>	<p>crisis.</p>		<p>set-for-overhaul-as-exports-falter-11647802870770.html</p>	
--	--	--	---	----------------	--	---	--



# ABHYAAS

## PRELIMS & MAINS

### ALL INDIA OFFLINE GS MOCK TEST SERIES

- 🎯 All India ranking & detailed comparison with other students
- 🎯 Vision IAS Post Test Analysis™ for corrective measures and continuous performance improvement

**Register @**  
[www.visionias.in/abhyaas](http://www.visionias.in/abhyaas)



80	Current Affairs	<p>Which one of the following best describes the term "greenwashing"?</p> <p>(a) Conveying a false impression that a company's products are eco-friendly and environmentally sound</p> <p>(b) Non-inclusion of ecological/environmental costs in the Annual Financial Statements of a country.</p> <p>(c) Ignoring the disastrous ecological consequences while undertaking infrastructure development.</p> <p>(d) Making mandatory provision for environmental costs in a government project/programme.</p>	<p><b>A</b> Greenwashing is when a company purports to be environmentally conscious for marketing purposes but actually isn't making any notable sustainability efforts.</p>	<p>The term 'greenwashing' is frequently seen in the news.</p>	E	FCA	<p><a href="https://www.thehindu.com/sci-tech/energy-and-environment/calling-out-the-greenwashing-trend/article30411299.ece">https://www.thehindu.com/sci-tech/energy-and-environment/calling-out-the-greenwashing-trend/article30411299.ece</a></p>	E N	<p><b>Monthly Current Affairs February 2022 (Pg. 29)</b></p> <p><b>"Test 3375 - All India Open Test 2 (2022)"</b></p> <p>"A trash bag is labelled 'recyclable'. Trash bags are not ordinarily separated from other trash at the landfill or incinerator, so they are highly unlikely to be used again for any purpose. The claim is deceptive since it asserts an environmental benefit where no meaningful benefit exists."</p> <p>Which of the following best describes the above situation?</p> <p>(a) Greenwashing (b) Evergreening (c) Green marketing (d) None"</p>
81	Geography	<p>Consider the following statements:</p> <p>1. High clouds primarily reflect solar radiation and cool the surface of the Earth.</p> <p>2. Low clouds have a high absorption of infrared radiation emanating from the Earth's surface and thus cause warming effect.</p> <p>Which of the statements given</p>	<p><b>D</b> <b>Statement 1 is not correct:</b> Low, thick clouds primarily reflect solar radiation and cool the surface of the Earth.</p> <p><b>Statement 2 is not correct:</b> High, thin clouds primarily transmit incoming solar radiation; at the same time, they trap some of the outgoing infrared radiation emitted by the Earth and radiate it back downward, thereby warming the surface of the Earth.</p>	<p>To test the basic fundamental knowledge</p>	D	FA	<p><a href="http://sites.iiserpune.ac.in/~p.subramanian/Cloids_energy_cycle.pdf">http://sites.iiserpune.ac.in/~p.subramanian/Cloids_energy_cycle.pdf</a></p>	R M	

		above is/are correct? (a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2							
82	International Relations	Consider the following statements: 1. Bidibidi is a large refugee settlement in north-western Kenya. 2. Some people who fled from South Sudan civil war live in Bidibidi. 3. Some people who fled from civil war in Somalia live in Dadaab refugee complex in Kenya. Which of the statements given above is/are correct? (a) 1 and 2 (b) 2 only (c) 2 and 3 (d) 3 only	C	The <b>Bidibidi Refugee Settlement is located in the West Nile Area of Uganda</b> , and is home to over 270,000 South Sudanese refugees — the second largest refugee settlement in the world. The Bidibidi area was a small village before becoming a refugee settlement which was opened in August 2016. Since then, the Uganda Government and other NGOs have worked to create a settlement rather than a camp to host and contain the influx of the growing number of the asylum seekers from South Sudan. <b>Hence statement 1 is not correct and statement 2 is correct.</b> <b>Dadaab Refugee Camp is located in Dadaab, Kenya.</b> The first camp was established in 1991, when refugees fleeing the civil war in Somalia started to cross the border into Kenya. A second large influx occurred in 2011, when some 130,000 refugees arrived, fleeing drought and famine in southern Somalia. Humanitarian assistance at the camp has waned in last few months following Kenya's announcement that it will close the camps in June 2022. <b>Hence statement 3 is correct.</b>	In 2021, Kenya has announced that it will close the Dadaab Camp in June 2022. Bidibidi Refugee settlement was in news due to the work of International Organisation for Migration at the settlement.	D	CA	<a href="https://wearealight.org/welcom-e-bidi-bidi-refugee-settlement/">https://wearealight.org/welcom-e-bidi-bidi-refugee-settlement/</a> <a href="https://www.nationalgeographic.com/magazine/article/how-bidibidi-uganda-refugee-camp-became-city">https://www.nationalgeographic.com/magazine/article/how-bidibidi-uganda-refugee-camp-became-city</a> <a href="https://www.doctorswithoutborders.org/latest/kenya-urgent-solutions-needed-refugees-dadaab-camps-close">https://www.doctorswithoutborders.org/latest/kenya-urgent-solutions-needed-refugees-dadaab-camps-close</a>	EN
83	International Relations	Consider the following countries: 1. Armenia 2. Azerbaijan 3. Croatia 4. Romania 5. Uzbekistan Which of the above are members of the Organization of Turkic States? (a) 1, 2 and 4 (b) 1 and 3 (c) 2 and 5 (d) 3, 4 and 5	C	<b>Organization of Turkic States</b> (then called the Cooperation Council of Turkic Speaking States - Turkic Council) was established in 2009 as an intergovernmental organization, with the overarching aim of promoting comprehensive cooperation among Turkic States. Its four founding member states are <b>Azerbaijan, Kazakhstan, Kyrgyzstan and Türkiye. In October 2019, Uzbekistan joined as a full member.</b> <b>Hence option (c) is the correct answer.</b>	The Eighth Summit of the Cooperation Council of Turkic Speaking States was held in November, 2021.	M	CA	<a href="https://www.turkkon.org/en/turk-konseyi-hakkinda">https://www.turkkon.org/en/turk-konseyi-hakkinda</a>	EN

84	Current Affairs	<p>Consider the following statements:</p> <ol style="list-style-type: none"> <li>Gujarat has the largest solar park in India.</li> <li>Kerala has a fully solar powered International Airport.</li> <li>Goa has the largest floating solar photovoltaic project in India.</li> </ol> <p>Which of the statements given above is/are correct?</p> <p>(a) 1 and 2 (b) 2 only (c) 1 and 3 (d) 3 only</p>	<p><b>B</b> <b>Statement 1 is not correct:</b> Bhadla Solar Park is the world's largest solar park located in India which is spread over a total area of 14,000 acres in Bhadla, Phalodi tehsil, Jodhpur district, Rajasthan, India.</p> <p><b>Statement 2 is correct:</b> Kerala's Cochin International Airport Ltd (CIAL) is the first airport in the world that would be running fully on solar power. The Cochin airport became fully powered by solar energy back in 2015 after it started drawing power from a dedicated solar plant – the 15 megawatts (MW) photovoltaic power station built by the Cochin International Airport Limited. The entrepreneurial vision won the airport in 2018 the much-coveted 'Champion of the Earth' award, which is the highest environmental honour granted by the United Nations.</p> <p><b>Statement 3 is not correct:</b> Bharat Heavy Electricals Limited (BHEL) has successfully commissioned India's largest Floating Solar PV plant. Located at NTPC Simhadri in Andhra Pradesh, the 25 MW floating SPV project covers an area of 100 acres.</p>	Major infrastructure related news.	M	CA	<p><a href="https://www.livemint.com/industry/energy/indias-largest-floating-solar-power-plant-commissioned-in-andhra-pradesh-11631774123853.html">https://www.livemint.com/industry/energy/indias-largest-floating-solar-power-plant-commissioned-in-andhra-pradesh-11631774123853.html</a></p> <p><a href="https://www.hindustantimes.com/india-news/fully-solar-powered-cochin-airport-leaves-anand-mahindra-impressed-see-tweet-101638615381022.html">https://www.hindustantimes.com/india-news/fully-solar-powered-cochin-airport-leaves-anand-mahindra-impressed-see-tweet-101638615381022.html</a></p>	EN	<p><b>Monthly Current Affairs July 2021 (Pg. 100), News Today 25th Feb 2022</b></p> <p><b>All India Test Series - Test 3477:</b></p> <p>India's single largest solar park by NTPC (National Thermal Power Corporation) is set to come up in the state of</p> <p>(a) Gujarat (b) Rajasthan (c) Tamil Nadu (d) Uttar Pradesh</p>
85	International Relations	<p>With reference to the United National Convention on the Law of Sea, consider the following statements:</p> <ol style="list-style-type: none"> <li>A coastal state has the right to establish the breadth of its territorial sea up to a limit not exceeding 12 nautical miles, measured from baseline determined in accordance with the convention.</li> <li>Ships of all states, whether coastal or land-locked, enjoy the</li> </ol>	<p><b>D</b> The United Nations Convention on the Law of the Sea (UNCLOS) is an international agreement that establishes a legal framework for all marine and maritime activities. Every State has the right to establish the breadth of its <b>territorial sea up to a limit not exceeding 12 nautical miles</b>, measured from baselines determined in accordance with this Convention. <b>Hence statement 1 is correct.</b></p> <p>Subject to this Convention, ships of all States, whether coastal or land-locked, enjoy the <b>right of innocent passage through the territorial sea. Hence statement 2 is correct.</b></p> <p>The <b>exclusive economic zone shall not extend beyond 200 nautical miles from the baselines</b> from which the breadth of the territorial sea is measured. <b>Hence statement 3 is correct.</b></p>	UNCLOS is frequently appeared in news due to disputes in South China Sea. It was also in news in the context of need to strengthen India's maritime laws and regulatory mechanisms related to maritime sector.	E	FCA	<p><a href="https://www.un.org/depts/los/convention_agreements/texts/unclos/unclos_e.pdf">https://www.un.org/depts/los/convention_agreements/texts/unclos/unclos_e.pdf</a></p> <p><a href="https://indianexpress.com/article/opinion/columns/why-india-needs-to-strengthen-its-maritime-laws-and-regulatory-mechanisms-7379949/">https://indianexpress.com/article/opinion/columns/why-india-needs-to-strengthen-its-maritime-laws-and-regulatory-mechanisms-7379949/</a></p>	EN	<p><b>Monthly Current Affairs May 2021 (Pg. 8), Monthly Current Affairs April 2021 (Pg. 88), PT 365 IR (Pg. 55)</b></p>

right of innocent passage through the territorial sea.  
 3. The Exclusive Economic Zone shall not extend beyond 200 nautical miles from the baseline from which the breadth of the territorial sea is measured.  
 Which of the statements given above are correct?  
 (a) 1 and 2 only  
 (b) 2 and 3 only  
 (c) 1 and 3 only  
 (d) 1, 2 and 3

## ALL INDIA PRELIMS & MAINS TEST SERIES 2022 & 23

» **GS PRELIMS**

Starts: **29 May**

» **CSAT**

Starts: **29 May**

» **GS MAINS**

Starts: **12 June**

» **ESSAY**

for **Mains 2023: 29 May**

**OPTIONAL  
SUBJECT**

» **Philosophy** » **Sociology**

» **PS & IR** Starts: **19 June**



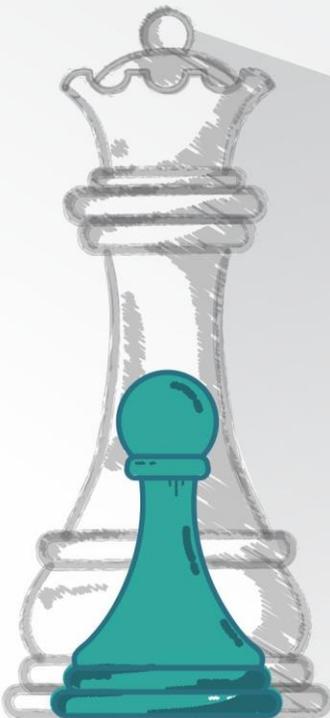
Scan the QR CODE  
to download  
**VISION IAS app**



86	International Relations	<p>Which one of the following statements best reflects the issue with Senkaku Islands, sometimes mentioned in the news?</p> <p>(a) It is generally believed that they are artificial islands made by a country around South China Sea.</p> <p>(b) China and Japan engage in maritime disputes over these islands in East China Sea.</p> <p>(c) A permanent American military base has been set up there to help Taiwan to increase its defence capabilities.</p> <p>(d) Through International Court of Justice declared them as no man's land, some South-East Asian countries claim them.</p>	<p><b>B</b> The <b>Senkaku Islands are a group of uninhabited islands in the East China Sea</b>. They are known in mainland China as the Diaoyu Islands. The islands are the focus of a <b>territorial dispute between Japan and China</b>. China claims the discovery and ownership of the islands from the 14th century, while Japan maintained ownership of the islands from 1895 until its surrender at the end of World War II. <b>Hence option (b) is the correct answer.</b></p>	<p>Senkaku Islands are frequently mentioned in news in the context of Japan-China relations and growing proximity between India and Japan.</p>	E	CA	<p><a href="https://theprint.in/world/two-chinese-ships-enter-japans-territorial-waters-near-senkaku-islands/948666/">https://theprint.in/world/two-chinese-ships-enter-japans-territorial-waters-near-senkaku-islands/948666/</a></p>	E N	<p><b>News Today 3rd May 2022</b></p>
87	Current Affairs	<p>Consider the following pairs:</p> <p><b>Country Important reason for being in the news recently</b></p> <p>1. Chad – Setting up of permanent military base by China.</p> <p>2. Guinea – Suspension of Constitution and Government by military</p>	<p><b>C</b> There are recurring claims that China is building, or attempting to create, a string of military bases around the world. In early December, 2021, media reports alleged that China was trying to build its <b>first Atlantic military base in Equatorial Guinea. Hence pair 1 is not correctly matched.</b></p> <p>On 5 September 2021, <b>President of Guinea was captured by the country's armed forces in a coup.</b> Military leaders detain president, <b>declaring dissolution of government and suspension of constitution.</b> Also The African Union (AU) declared that it was suspending Guinea's membership in the bloc after a military junta</p>	<p>Countries mentioned in the news frequently appeared in last 8 months.</p>	D	CA	<p><a href="https://economictimes.indiatimes.com/news/defence/china-is-struggling-to-establish-military-bases/articleshow/88268005.cms?from=mdr">https://economictimes.indiatimes.com/news/defence/china-is-struggling-to-establish-military-bases/articleshow/88268005.cms?from=mdr</a>  <a href="https://constitutionnet.org/news/guinea-">https://constitutionnet.org/news/guinea-</a></p>	E N	<p><b>PT 365 International Relations (Pg. 26, 70, 71)</b></p>

		<p>3. Lebanon – Severe and prolonged economic depression</p> <p>4. Tunisia – Suspension of Parliament by President</p> <p>How many pairs given above are correctly matched?</p> <p>(a) Only one pair (b) Only two pairs (c) Only three pairs (d) All four pairs</p>	<p>overthrew the government. <b>Hence pair 2 is correctly matched.</b></p> <p>According to the <b>World Bank Lebanon Economic Monitor (LEM)</b>, Lebanon is suffering from a dangerous depletion of resources, including human capital, with brain drain becoming an increasingly desperate option. <b>World Bank</b> also said that <b>Lebanon is in a Deliberate Depression</b> with Unprecedented Consequences for its Human Capital, Stability, and Prosperity. <b>Hence pair 3 is correctly matched.</b></p> <p>In July, 2021, the <b>president of Tunisia had announced the suspension of Tunisia’s parliament</b> and fired Prime Minister Hicham Mechichi and the cabinet. This announcement came one day after protesters had clashed with security forces over how the Tunisian government had handled the health care sector during the COVID-19 pandemic and the deterioration of the economic situation in the country. In December, 2021, the President announced the extension of the suspension and finally in March, 2022, he announced the dissolution of the Parliament. <b>Hence pair 4 is correctly matched.</b></p>				<p>military-leaders-detain-president-declaring-dissolution-government-and-suspension  <a href="https://www.europarl.europa.eu/thinktank/en/document/EPRS_BRI(2022)729369">https://www.europarl.europa.eu/thinktank/en/document/EPRS_BRI(2022)729369</a>  <a href="https://www.worldbank.org/en/news/press-release/2020/11/30/lebanon-is-in-a-deliberate-depression-with-unprecedented-consequences-for-its-human-capital-stability-and-prosperity">https://www.worldbank.org/en/news/press-release/2020/11/30/lebanon-is-in-a-deliberate-depression-with-unprecedented-consequences-for-its-human-capital-stability-and-prosperity</a></p>		
88	Geography	<p>Consider the following pairs:</p> <p><b>Region often mentioned in the news Country</b></p> <p>1. Anatolia – Turkey 2. Amhara – Ethiopia 3. Cabo Delgado – Spain 4. Catalonia – Italy</p> <p>How many pairs given above are correctly matched?</p> <p>(a) Only one pair (b) Only two pairs (c) Only three pairs</p>	<p><b>B Anatolia is the peninsula of land that today constitutes the Asian portion of Turkey.</b> Because of its location at the point where the continents of Asia and Europe meet, Anatolia was, from the beginnings of civilization, a crossroads for numerous peoples migrating or conquering from either continent. <b>Hence pair 1 is correctly matched.</b></p> <p><b>The Amhara Region is located in the northwestern part of Ethiopia.</b> It is the homeland of Amhara people. Amhara is the site of the largest inland body of water in Ethiopia, Lake Tana. Amhara region is often mentioned in the news due to historical conflicts among Oromo, Amhara and Tigrayan groups of Ethiopia. <b>Hence pair 2 is correctly matched.</b></p>	Regions mentioned in the news frequently appeared in news.	M	CA	<p><a href="https://www.brittannica.com/place/Anatolian-plateau">https://www.brittannica.com/place/Anatolian-plateau</a>  <a href="https://www.thehindu.com/opinion/op-ed/the-path-to-peace-in-ethiopia/article33974219.ece">https://www.thehindu.com/opinion/op-ed/the-path-to-peace-in-ethiopia/article33974219.ece</a>  <a href="https://economictimes.indiatimes.com/news/india/india-and-mozambique-to-expand-fight-">https://economictimes.indiatimes.com/news/india/india-and-mozambique-to-expand-fight-</a></p>	EN	<b>Monthly Current Affairs March 2022 (Pg. 44)</b>

	(d) All four pairs	<p><b>Cabo Delgado is the northernmost province of Mozambique.</b> It was in news because Mozambique's Al-Shabab extremist group, has been carrying out attacks in the country's most northern province, Cabo Delgado, since 2017. <b>Hence pair 3 is not correctly matched.</b></p> <p><b>Catalonia occupies a triangular area in the northeastern corner of Spain.</b> It is bordered by France and Andorra to the north, the Mediterranean Sea to the east, the autonomous community of Valencia to the south, and the autonomous community of Aragon to the west. Recently, mass protests broke out across Spain's Catalonia region after its former separatist leader Carles Puigdemont was arrested. <b>Hence pair 4 is not correctly matched.</b></p>			<p>against-terror/articleshow/91404902.cms  <a href="https://www.thehindu.com/news/international/mass-protests-across-catalonia-after-ex-leaders-arrest/article61873462.ece">https://www.thehindu.com/news/international/mass-protests-across-catalonia-after-ex-leaders-arrest/article61873462.ece</a></p>
--	--------------------	--	--	--	---



**“ The Secret To Getting Ahead Is Getting Started ”**

**Alternative Classroom Program *for***

# GENERAL STUDIES

**PRELIMS & MAINS  
2024 & 2025**

**DELHI:** 22 JUNE, 1 PM | 15 JUNE, 9 AM  
8 JUNE, 9 AM | 10 MAY, 1 PM

- Approach is to build fundamental concepts and analytical ability in students to enable them to answer questions of Preliminary as well as Mains examination
- Includes All India GS Mains, Prelim, CSAT and Essay Test Series of 2023, 2024, 2025
- Access to recorded classroom videos at personal student platform
- Our Comprehensive Current Affairs classes of PT 365 and Mains 365 of year 2023, 2024, 2025 (Online Classes only)
- Includes comprehensive coverage of all the topics for all the four papers of GS Mains, GS Prelims and Essay

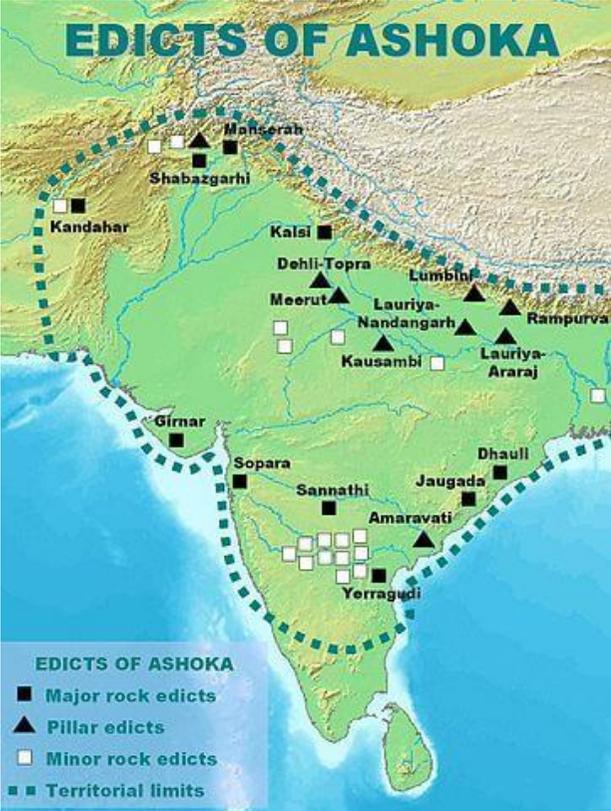
LIVE / ONLINE CLASSES AVAILABLE



Scan the QR code to  
Download **VISION IAS** app

89	Environment	<p>With reference to Indian laws about wildlife protection, consider the following statements:</p> <ol style="list-style-type: none"> <li>1. Wild animals are the sole property of the government.</li> <li>2. When a wild animal is declared protected, such animal is entitled for equal protection whether it is found in protected areas or outside.</li> <li>3. Apprehension of a protected wild animal becoming a danger to human life is sufficient ground for its capture or killing.</li> </ol> <p>Which of the statements given above is/are correct?</p> <ol style="list-style-type: none"> <li>(a) 1 and 2</li> <li>(b) 2 only</li> <li>(c) 1 and 3</li> <li>(d) 3 only</li> </ol>	<p><b>A</b> <b>Statement 1 is correct:</b> The Wild Life (Protection) Act, 1972 mentions that every wild animal, other than vermin, <b>which is hunted shall be the property of the State Government</b>, and, where such animal is hunted in a sanctuary or National Park declared by the Central Government, such animal or any animal article shall be the property of the Central Government. In a significant verdict in 2012, the Bombay High Court has ruled that wild animals including tiger should be treated as "government property for all purposes".</p> <p><b>Statement 2 is correct:</b> The law governing the subject of wildlife, the Wildlife (Protection) Act, 1972, does not discriminate between animals found in protected areas and outside. It provides for equal protection for wild animals irrespective of where they are found. The WLPA prohibits people from hunting wildlife, provides legal safeguards for different species based on their threat status, regulates trade and commerce in wild species, imposes penalties for wildlife-related crimes and specifies the terms to declare protected areas.</p> <p><b>Statement 3 is not correct:</b> Only if the wild animal becomes a danger to human life or is diseased or disabled beyond recovery can it be allowed to be captured or killed by the competent authority, the Chief Wildlife Warden of the State. This provision is applicable to wild animals listed in Schedule I of the Wildlife (Protection) Act, 1972, which includes leopards. Mere apprehension or fear that a wild animal could endanger human life is not a ground for capture or killing.</p>	Government had recently proposed amendments in the Wild Life (Protection) Act, 1972.	M	FA	<a href="https://www.thehindu.com/opinion/op-ed/Leopards-in-a-spot/article16913392.ece">https://www.thehindu.com/opinion/op-ed/Leopards-in-a-spot/article16913392.ece</a>	RM	<p><b>Vision IAS Test Series FLT: Test 3500 (Statement 3)</b></p> <p>If an animal belonging to the schedule I of Wildlife Protection Act, 1972 turns into a man eater and poses threat to humans, then which of the following authorities is permitted to order for its killing?</p> <ol style="list-style-type: none"> <li>(a) Chief Wildlife Warden of the state concerned</li> <li>(b) Deputy Conservator of Forests of state concerned</li> <li>(c) Range forest officer of the state concerned</li> <li>(d) Forest guard of the state concerned</li> </ol> <p><b>Vision IAS Test Series: Test 3501 (Statement 2)</b></p> <p>With reference to the various species of seahorses, consider the following statements:</p> <ol style="list-style-type: none"> <li>1. They are the flagship species of their habitats.</li> <li>2. They are among the only animal species on Earth in which the male bears the unborn young.</li> <li>3. All seahorse species found in India are protected under Schedule I of Wildlife (Protection) Act, 1972.</li> </ol> <p>Which of the statements given above is/are correct?</p> <ol style="list-style-type: none"> <li>(a) 1 only</li> <li>(b) 2 and 3 only</li> <li>(c) 3 only</li> <li>(d) 1, 2 and 3</li> </ol>
----	-------------	--	--	--	---	----	---	----	--

									<b>Explanation mentions:</b> All seahorse species found in India are protected under Schedule I of Wildlife (Protection) Act, 1972 making their sale, purchase, or any other form of utilization of the species, or their parts and derivatives, illegal and punishable under the law.
90	Environment	Certain species of which one of the following organisms are well known as cultivators of fungi? (a) Ant (b) Cockroach (c) Crab (d) Spider	<b>A</b>	<b>The ant–fungus mutualism is a symbiosis seen between certain ant and fungal species, in which ants actively cultivate fungus much like humans farm crops as a food source.</b>  Leafcutter ants use leaves as their fertilizer to grow their crop: fungus. They cultivate their fungal gardens by providing them with freshly cut leaves, protecting them from pests and molds, and clearing them of decayed material and garbage. In return, the fungus acts as a food source for the ants' larvae.	Recently, US Scientists Find Killer Fungus To Tackle Invasive Ants Issue In Texas.	D	FA	<a href="https://www.ndtv.com/world-news/us-scientists-find-killer-fungus-to-tackle-invasive-ants-issue-in-texas-2848991">https://www.ndtv.com/world-news/us-scientists-find-killer-fungus-to-tackle-invasive-ants-issue-in-texas-2848991</a>  <a href="https://www.science.org/doi/10.1126/science.153.3736.587">https://www.science.org/doi/10.1126/science.153.3736.587</a>	R R
91	Ancient History	Consider the following pairs: <b>Site of Ashoka's major rock edicts Location in the State of</b> 1. Dhauli – Odisha 2. Erragudi – Andhra Pradesh 3. Jaugada – Madhya Pradesh 4. Kalsi – Karnataka How many pairs given above are correctly matched? (a) Only one pair (b) Only two pairs (c) Only three pairs (d) All four pairs	<b>B</b>	The set of 14 major rock edicts (or portions thereof) occur at: Kandahar (in Kandahar district, south Afghanistan) (only portions of rock edicts 12 and 13) Shahbazgarhi (Peshawar district, North-West Frontier Province, Pakistan) Mansehra (Hazara district, NWFP, Pakistan) <b>Kalsi (Dehradun district, Uttarakhand)</b> Girnar (Junagadh district, Gujarat) Mumbai–Sopara (originally at Sopara in Thane district, Maharashtra; now in the Chhatrapati Shivaji Maharaj Vastu Sangrahalaya, Mumbai; only fragments of rock edicts 8 and 9) <b>Dhauli (Puri district, Orissa; separate rock edicts 1 and 2 replace major rock edicts 11–13)</b> <b>Jaugada (Ganjam district, Orissa; separate rock edicts 1 and 2 replace major rock edicts 11–13)</b> <b>Erragudi (Kurnool district, Andhra Pradesh)</b>	To test the basic fundamental knowledge	M	F	ASHOKA, THE EMPEROR WHO GAVE UP WAR-NCERT class 7 (Our Past-II) Page no. 68.  Themes in Indian History : 12th NCERT : Chapter 2	E M

			<p>Sannati (Gulbarga district, Karnataka; portions of rock edicts 12 and 14 and separate rock edicts 1 and 2 were found on a granite slab in a medieval goddess temple.</p>  <p><b>EDICTS OF ASHOKA</b></p> <ul style="list-style-type: none"> <li>■ Major rock edicts</li> <li>▲ Pillar edicts</li> <li>□ Minor rock edicts</li> <li>■ Territorial limits</li> </ul>						
92	Medieval History	<p>Consider the following pairs:  <b>King Dynasty</b>  1. Nannuka – Chandela  2. Jayashakti – Paramara  3. Nagabhata II – Gurjara-Pratihara  4. Bhoja – Rashtrakuta  How many pairs given above are correctly matched?</p>	<p><b>B</b> The Gurjara Pratihara dynasty was founded by Nagabhata I in the region of Malwa in the 8th century AD. Gurjara-Pratihara dynasty ruled much of Northern India from the mid-8th to the 11th century. The Pratiharas derived their name from the Sanskrit meaning doorkeeper, are seen as a tribal group or a clan of the Gurjaras. Nagabhata I, Nagabhata II, Mihir Bhoj or Bhoja and Mahendrapala were the other important rulers of the dynasty. The expansion of the Gurjara-Pratihara kingdom involved constant conflicts with other contemporary</p>	To test the basic fundamental knowledge	M	F	<p><a href="https://ncert.nic.in/ncerts/l/ge_ss102.pdf">https://ncert.nic.in/ncerts/l/ge_ss102.pdf</a> (Our past-II Class 7th NCERT (New Kings and Kingdom),</p> <p><a href="https://nios.ac.in/media/documents/SrSec315NEW/History_Module1.pdf">https://nios.ac.in/media/documents/SrSec315NEW/History_Module1.pdf</a></p>	EM	

		<p>(a) Only one pair  (b) Only two pairs  (c) Only three pairs  (d) All four pairs</p>	<p>powers such as the Palas and the Rashtrakutas known as the tripartite struggle over the city of Kannauj. <b>Dantidurga</b> was the founder of the dynasty called, Rashtrakuta dynasty (8th century AD). The capital of the Rastrakutas was Manyakheta or Malkhed near Sholapur. Dhruva-I, Krishna-I and Amoghavarsha were the other important rulers of this dynasty.</p> <p><b>The Chandela or Chandel</b> was Indian Rajput clan of Central India. They were popularly termed as Chandelas or Jejakabhukti dynasty in Indian history. <b>Nannuk</b>, a ruler of small kingdom was the founder of Chandela Dynasty. Khajuraho was a strong hold of Nannuk who was considered as the chief of his clan. Vakapati succeeded his father in the first quarter of tenth century. Vakapati had to often assist Pratiharas in the battle field, as he was a liegeman of them. Some inscriptions prove that his territory extended till Vindhya hills. <b>Jaishakti, the elder son</b>, succeeded the throne and was successful in extending his empire. Jaishakti, the elder brother who ruled first, was also called Jai Jak and from this name the region ruled by the Chandelas acquired the name of Jaijikhukti. He was succeeded on the throne by his younger brother, Vijayshakti.</p>			<p><a href="https://www.khajuraho-india.org/chandela-dynasty.html">https://www.khajuraho-india.org/chandela-dynasty.html</a></p>		
93	Art & Culture	<p>Which one of the following statements about Sangam literature in ancient South India is correct?  (a) Sangam poems are devoid of any reference to material culture.  (b) The social classification of Varna was known to Sangam poets.  (c) Sangam poems have no reference to</p>	<p><b>B</b> <b>The Sangam age</b> refers to that period in the early history of south India when large numbers of poems in Tamil were composed by a number of authors. . The term Sangam refers to an assembly or “meeting together” of Tamil poets. Traditionally, three Sangams or assemblies are believed to have been convened one after the other. All the three Sangams took place at different places under the patronage of the Pandya kings of Madurai.  Women in the Sangam period appear to have been educated. This is testified by many poems contributed by women poets to the Sangam literature. Women are also described as engaged in various economic activities such as paddy plantation, cattle rearing, basket-making, spinning, etc. However, the cruel practice of Sati was</p>	To test the basic fundamental knowledge	M	FA	<p>Class XI NCERT, Ancient India, Chapter-3, Page No.-17-18</p> <p>India Ancient's Past-R.S Sharma- (Chapter 22)- The dawn of history in the deep south.</p>	<p>E M</p> <p><b>All India Test Series- Tests 3474 &amp; 3481:</b>  Consider the following statements with respect to Sangam literature:  1. Sangam texts were predominantly secular in nature.  2. Sangam poems describe the military exploits of the kings and chiefs.  3. Sangam literature provides information about trade with Yavanas (foreigners).  Which of the statements</p>

		<p>warrior ethic. (d) Sangam literature refers to magical forces as irrational.</p>	<p>also prevalent in Tamil society, and it was known as tippayadal. But it was not obligatory as there are references to widows present in society. However, their position was miserable as they were prohibited to decorate themselves or participate in any form of amusement.</p> <p>The class of warriors was an important element in society during the Sangam age. Captains of the army were invested with the title of enadi at a formal ceremony. Civil and military officers were held under both the Cholas and the Pandyas by vellalas or rich peasants. The ruling class was called arasar and its members had marriage relations with the vellalas.</p> <p><b>Hence option (b) is the correct answer.</b></p> <p>The rich did not plough land themselves but employed labourers for this purpose. Agricultural operations were generally carried on by the members of the lowest class known as kadaiyiar.</p> <p>We notice sharp social inequalities in the Sangam age. The rich lived in houses of brick and mortar and the poor in huts and humbler structures. In the cities, the rich lived in the upper storey of their house.</p> <p>The Sangam texts refer to many settlements including Kaveripattanam whose flourishing existence is now attested archaeologically. They also speak of the Yavanas (foreigners) coming in their own vessels purchasing pepper with gold and supplying wine and women slaves to the natives. This trade is not known only from Latin and Greek writings but also from archaeological records. The Sangam literature is a very major source of our information for the social, economic and political life of the people living in deltaic Tamil Nadu in the early Christian centuries.</p> <p>Aṇaṅku is a phenomenon of sacred power described in ancient Tamil literature such as the Sangam literature. This sacred magical forces were supposed to inhabit various objects, which eventually determined their association with the society.</p>				<p>given above are correct? (a) 1 and 2 only (b) 2 and 3 only (c) 1 and 3 only (d) 1, 2 and 3</p> <p>With reference to the social structure prevalent in the Sangam age, consider the following statements: 1. The practice of Sati was prohibited in the Sangam society. 2. Agricultural operations such as ploughing were mainly confined to the members of the lowest class. 3. The rich nobles were invested with the title of enadi to demarcate the society.</p> <p>Which of the statements given above is/are correct? (a) 1 and 3 only (b) 3 only (c) 2 only (d) 1, 2 and 3</p>
--	--	---	---	--	--	--	---

94	Art & Culture	<p>"Yogavasistha" was translated into Persian by Nizamuddin Panipati during the reign of:</p> <p>(a) Akbar (b) Humayun (c) Shahjahan (d) Aurangzeb</p>	<p><b>A</b> Yoga Vasistha (also known as Vasistha's Yoga) is a Hindu spiritual text traditionally attributed to Valmiki. It recounts a discourse of the sage Vasistha to a young Prince Rama, during a period when the latter is in a dejected state. The contents of Vasistha's teaching to Rama is associated with Advaita Vedanta, the illusory nature of the manifest world and the principle of non-duality. The book has been dated between the 11th and 14th century AD) and is generally regarded as one of the longest texts in Sanskrit (after the Mahabharata) and an important text of Yoga. The book consists of about 32,000 shlokas (lines), including numerous short stories and anecdotes used to help illustrate its content.</p> <p>Originally written in Sanskrit, the Yoga Vasistha has been translated into most Indian languages, and the stories are told to children in various forms. The number of Muslim scholars who collaborated with Hindu pandits in making Sanskrit works available was considerable. During the Moghul Dynasty the text was translated into Persian several times, as <b>ordered by Akbar, Jahangir and Dara Shikoh.</b> <b>Nizam al-Din Panipati rendered the widely influential Yoga Vasistha into Persian late in the sixteenth century at the behest of the Mughal ruler Jahangir while he was still a crown prince.</b> The translation, known as the Jug-Basistha, has since become popular in Persia among intellectuals interested in Indo-Persian culture. <b>Hence option (a) is the correct answer.</b></p>	<p><a href="https://thewire.in/politics/narendra-modi-nine-covid-19-lights">https://thewire.in/politics/narendra-modi-nine-covid-19-lights</a></p> <p>Hidden in Plain Sight in PM Modi's New Coronavirus Action Call, a Pattern of Nines. A former head of the Indian Medical Association, Dr K.K. Aggarwal, took to social media to "explain the science" behind the prime minister's announcement – but his explanation, if it can be called that, led only to further confusion.</p>	D	F	<p><a href="https://religion.fandom.com/wiki/Yoga_Vasistha#Translations">https://religion.fandom.com/wiki/Yoga_Vasistha#Translations</a>  <a href="https://www.wisdomlib.org/shop/books/hinduism/the-yogavasistha-of-valmiki-with-commentary/doc225484.html">https://www.wisdomlib.org/shop/books/hinduism/the-yogavasistha-of-valmiki-with-commentary/doc225484.html</a></p>	R R	
----	---------------	--	--	---	---	---	---	--------	--

					<p>“... [the announcement] is based on Yoga Vasistha, Chapter 6, the principle of collective consciousness. ...This collective consciousness has the power to heal the ACE2-receptor in our bodies,” he said.</p> <p>“If we all think together that the coronavirus not attach itself to our ACE2-receptors, then our collective consciousness will make sure this doesn’t happen.</p>				
--	--	--	--	--	--	--	--	--	--

95	Current Affairs	<p>The World's second tallest statue in sitting pose of Ramanuja was inaugurated by the Prime Minister of India at Hyderabad recently. Which one of the following statements correctly represents the teachings of Ramanuja?</p> <p>(a) The best means of salvation was devotion.</p> <p>(b) Vedas are eternal, self-existent and wholly authoritative.</p> <p>(c) Logical arguments were essential means for the highest bliss.</p> <p>(d) Salvation was to be obtained through mediation.</p>	<p><b>A</b> <b>Recent context:</b> 216-foot tall 'Statue of Equality commemorating Sri Ramanujacharya was recently dedicated to the nation. The statue has been inaugurated at Hyderabad in the backdrop of celebrations of the 'Festival of equality', marking the 1000th birth anniversary of the Saint.</p> <p>The statue has been conceptualized by Sri Chinna Jeeyar Swami of Sri Ramanujacharya Ashram. It is made of 'panchaloha', a combination of five metals: gold, silver, copper, brass, and zinc and is among one of the tallest metallic statues in sitting position, in the world.</p> <p><b>About Sri Ramanujacharya</b></p> <p>Born in Tamil Nadu in the 11th century, Ramanujacharya is revered as a Vedic philosopher and social reformer. He was deeply influenced by the Alvars (Vishnu worshippers) and <b>according to him the best means of attaining salvation was through intense devotion to Vishnu.</b> He propounded the doctrine of Vishishtadvaita or qualified oneness. He spoke of universal salvation through devotion to God, compassion, humility, equality, and mutual respect, which is known as Sri Vaishnavam Sampradaya. He is considered to be the inspiration for Bhakti poets like Annamacharya, Ramdas, Thyagaraja, Kabir, and Meerabai.</p>	216-foot tall 'Statue of Equality commemorating Sri Ramanujacharya was recently dedicated to the nation. The statue has been inaugurated at Hyderabad in the backdrop of celebrations of the 'Festival of equality', marking the 1000th birth anniversary of the Saint.	M	FCA	<p><a href="https://statueofequality.org/about-bagwad-sri-ramanujacharya-history-philosophy/">https://statueofequality.org/about-bagwad-sri-ramanujacharya-history-philosophy/</a></p> <p><a href="https://indianexpress.com/article/explained/ramanujacharya-statue-of-equality-explained-7754236/">https://indianexpress.com/article/explained/ramanujacharya-statue-of-equality-explained-7754236/</a></p>	E N	<p><b>Monthly Current Affairs February 2022 (Pg. 107)</b></p> <p><b>Abhyaas 2022 Test 3700-118950(Explanation)</b></p> <p>Recently, the "Statue of Equality" has been erected to honor Ramanujacharya. In this context, consider the following statements:</p> <ol style="list-style-type: none"> <li>1. He was the chief exponent of the Visishtadvaita school of Vedanta.</li> <li>2. He was the author of Brahmasutras.</li> <li>3. He was a contemporary of Hoysala King "Vishnuvardhana".</li> </ol> <p>Which of the statements given above are correct?</p> <p><b>Explanation:</b> Recent context: 216-foot tall 'Statue of Equality commemorating Sri Ramanujacharya was recently dedicated to the nation. The statue has been inaugurated at Hyderabad in the backdrop of celebrations of the 'Festival of equality', marking the 1000th birth anniversary of the Saint.</p> <p>The statue has been conceptualized by Sri Chinna Jeeyar Swami of Sri Ramanujacharya Ashram. It is made of 'panchaloha', a combination of five metals: gold, silver, copper, brass, and zinc and is among one of the tallest metallic statues in sitting position, in the world.</p>
----	-----------------	---	---	---	---	-----	---	-----	---

								<p>About Sri Ramanujacharya Born in Tamil Nadu in the 11th century, Ramanujacharya is revered as a Vedic philosopher and social reformer. <b>He was deeply influenced by the Alvars (Vishnu worshippers) and according to him the best means of attaining salvation was through intense devotion to Vishnu.</b> He propounded the doctrine of Vishishtadvaita or qualified oneness. Hence statement 1 is correct</p> <p>.He is considered to be the inspiration for Bhakti poets like Annamacharya, Ramdas, Thyagaraja, Kabir, and Meerabai.</p> <p>Ramanujacharya started writing the commentary of 'Brahmasutra'. It is known as 'Sri Bhashya'. He wrote nine scriptures known as the Navaratnas, including Sri Bhashya, Gita-Bhasya, and Vedartha Sangraha, and composed commentaries on Vedic scriptures. Hence statement 2 is not correct.</p> <p>Badarayana or Vyasa wrote the Brahma Sutra. It contained the Upanisadic teaching dealt in four chapters, covering 555 sutras. Both Shankracharya and Ramanujacharya have written commentaries called</p>
--	--	--	--	--	--	--	--	---

Brahmasutra Bhasya and Sri Bhasya respectively on it. He is also credited with establishing the correct procedures for rituals performed in temples throughout India, the most famous being Tirumala and Srirangam. He propounded the concept of “vasudhaiva kutumbakam” (originally in Maha Upanishad), which translates as “all the universe is one family”. **He spoke of universal salvation through devotion to God, compassion, humility, equality, and mutual respect, which is known as Sri Vaishnavam Sampradaya.**

**LIVE / ONLINE  
Classes Available**



# ESSAY

**ENRICHMENT PROGRAMME 2023**

**START: 19 JUNE | 5 PM**

- ▶ Introducing different stages from developing an idea into completing an essay
- ▶ Regular practice and brainstorming sessions
- ▶ Inter disciplinary approaches

96	Current Affairs	<p>The Prime Minister recently inaugurated the new Circuit House near Somnath Temple at Veraval. Which of the following statements are correct regarding Somnath Temple?</p> <p>1. Somnath Temple is one of the Jyotirlinga shrines.  2. A description of Somnath Temple was given by Al-Biruni.  3. Pran Pratishtha of Somnath Temple (installation of the present day temple) was done by President S. Radhakrishnan.  Select the correct answer using the code given below:  (a) 1 and 2 only  (b) 2 and 3 only  (c) 1 and 3 only  (d) 1, 2 and 3</p>	<p><b>A</b> Somnath is a magnificent temple the location of Somanatha was earlier referred to as Prathasa Pattana, a well known Tirtha or place of pilgrimage in Saurashtra. It is situated on the west coast of Kathiawar and is at present under Junagadh. It was associated with the nearby confluence of three rivers and it adjoined the port of Veraval. <b>One of the 12 holy Jyotirlingas of Lord Shiva is in Jyotirlinga here in Somnath. Hence statement 1 is correct.</b></p> <p>Somnath mean “the protector of moon god”. It is known as the “shrine external” as although the temple has been destroyed six times it has been rebuilt every single time.</p> <p>Somnath is also mentioned in Rigveda. This temple of Somnath has been very attractive in front of many destructive foreign invaders who want to lure and convert to the temple glory. Whenever the temple has tried to destroy it, then it has been built again.</p> <p>Mahmud began series of seventeen invasions into northwestern India at the end of the 10th century his 16th expedition was the plunder of Somnath temple (dedicated to Shiva) in 1025 A.D. Mahmud of Ghazni plundered the Somanath temple and there are multiple versions of the event in Turko-Persian sources. <b>Al-Beruni writes</b> that the temple was built of stone and ‘constructed about 100 years prior to Mahmud’s attack (which would date it to the 10th century) that it was set in a fortress surrounded by the sea on 3 sides – presumably; its wealth had to be guarded. Al-Beruni states that the upper part of the icon was broken at the orders of Mahmud and parts of it were taken back as look to Ghazni and placed so that people would walk on it. Mahmud’s raids caused economic devastation and the Turks were hated among the people who suffered because of these raids. <b>Hence statement 2 is correct.</b></p> <p>India’s Iron Man and First Deputy Prime Minister Sardar Vallabhbhai Patel on November 13, 1947 promised to rebuild the temple. Today’s Somnath Temple is built on its original place in seventh place. In 1951, India’s first</p>	PM to inaugurate new Circuit House near Somnath Temple in January 2022	<b>D</b>	FCA	<p><a href="https://girsomnath.nic.in/history/#:~:text=Somnath's%20first%20temple%20is%20said,temple%20and%20destroyed%20the%20temple.">https://girsomnath.nic.in/history/#:~:text=Somnath's%20first%20temple%20is%20said,temple%20and%20destroyed%20the%20temple.</a>  <a href="http://www.indiancommunities.org/2016/10/10/expedition-of-somnath/">http://www.indiancommunities.org/2016/10/10/expedition-of-somnath/</a></p> <p><a href="https://www.thehindu.com/news/national/other-states/pm-to-inaugurate-new-circuit-house-near-somnath-temple/article38296560.ece">https://www.thehindu.com/news/national/other-states/pm-to-inaugurate-new-circuit-house-near-somnath-temple/article38296560.ece</a></p> <p><a href="https://www.thehindu.com/news/national/pm-modi-virtual-inaguration-of-few-projects-of-somnath-temple-in-gujarat/article36012049.ece">https://www.thehindu.com/news/national/pm-modi-virtual-inaguration-of-few-projects-of-somnath-temple-in-gujarat/article36012049.ece</a></p>	<b>E N</b>	<p><b>News Today 14th April 2022, 21st Aug 2021 3489(AITS)</b></p> <p>Which of the following are Jyotirlingas in India?</p> <ol style="list-style-type: none"> <li>1. Somnath</li> <li>2. Mallikarjun</li> <li>3. Omkareshwar</li> <li>4. Badrinath</li> </ol> <p>Select the correct answer using the code given below:</p>
----	-----------------	--	--	--	----------	-----	---	------------	---

				<p>President Dr. Rajendra Prasad proposed to purify Jyotirling, he said, "This temple of Somnath is a symbol of victory over construction on destruction". <b>Hence statement 3 is not correct.</b></p> <p>The temple is built under Shri Somnath Trust And this trust is now monitoring the temple, Sardar Patel was the first chairman of this trust.</p>						
97	Basic Science	<p>Which one of the following statements best describes the role of B cells and T cells in the human body?</p> <p>(a) They protect the body from environmental allergens.</p> <p>(b) They alleviate the body's pain and inflammation.</p> <p>(c) They act as immunosuppressants in the body.</p> <p>(d) They protect the body from the diseases caused by pathogens.</p>	D	<p>The overall ability of the body to fight the <b>disease-causing organisms (pathogens)</b>, conferred by the immune system is called immunity. The primary and secondary immune responses are carried out with the help of two special types of lymphocytes present in our blood, i.e., B-lymphocytes (B-cells) and T-lymphocytes (T-cells). Thus, both B-cells and T-cells are responsible for acquired immunity. B-cells are responsible for antibody-mediated immunity response. T-cells are responsible for cell-mediated immunity response. B-cells produce antibodies to fight with the pathogens into our blood. The T-cells themselves do not secrete antibodies but help B cells produce them. <b>Hence option (d) is the correct answer.</b></p>	Related to COVID 19 (immune system); CART has been in the news for quite a long time	E	F	<a href="https://indianexpress.com/article/lifestyle/health/a-cancer-treatment-makes-leukemia-vanish-but-creates-more-mysteries-7760489/">https://indianexpress.com/article/lifestyle/health/a-cancer-treatment-makes-leukemia-vanish-but-creates-more-mysteries-7760489/</a>	EN	<p><b>PT 365 Science and Technology (Pg. 3)</b></p> <p><b>All India Test Series: Test 3494</b></p> <p>Consider the following statements regarding Viral Vector-based Vaccines:</p> <ol style="list-style-type: none"> <li>1. Viral Vector Vaccines use a weakened form of the deadly virus to create an immune response.</li> <li>2. Immune response involves both B cells and T cells.</li> <li>3. Previous exposure to the vector could reduce the effectiveness of the Vaccine.</li> </ol> <p>Which of the statements given above is/are correct?</p> <p>(a) 1 and 2 only (b) 2 and 3 only (c) 1 only (d) 1 and 3 only</p> <p><b>2021 Test Series 3192</b></p> <p>With reference to the immunity mechanism in the human body, which of the following statements is/are correct regarding B-cells and T-cells?</p> <p>B-cells are responsible for innate immunity whereas T cells are responsible for</p>

									acquired Immunity. B-cells produce antibodies molecule whereas T-cells do not. Select the correct answer using the code given below. (a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2	
98	S&T	Consider the following statements: 1. Other than those made by humans, nanoparticles do not exist in nature. 2. Nanoparticles of some metallic oxides are used in the manufacture of some cosmetics. 3. Nanoparticles of some commercial products which enter the environment are unsafe for humans. Which of the statements given above is/are correct? (a) 1 only (b) 3 only (c) 1 and 2 (d) 2 and 3	D	A nanoparticle is a small particle that ranges between 1 to 100 nanometres in size ( <b>diameter</b> ). Undetectable by the human eye, nanoparticles can exhibit significantly different physical and chemical properties to their larger material counterparts. Being much smaller than the wavelengths of visible light (400-700 nm), nanoparticles cannot be seen with ordinary optical microscopes, requiring the use of electron microscopes or microscopes with laser. <b>Nanoparticles occur widely in nature</b> and are objects of study in many sciences such as chemistry, physics, geology and biology. A significant fraction (by number, if not by mass) of interplanetary dust, that is still falling on the Earth at the rate of thousands of tons per year, is in the nanoparticle range; and the same is true of atmospheric dust particles. Many viruses have diameters in the nanoparticle range. Iron oxides/sulfides, silver, and gold are some of the representative examples of naturally-occurring nanoparticles in the environment. <b>Hence statement 1 is not correct.</b> Many cosmetic products used in our daily life are made with the assistance of nanotechnologies. Among metal and metal oxide nanoparticles (NPs) potentially present in cosmetics, those containing titanium dioxide and zinc oxide are common ingredients added to obtain a sufficient sun protection. The addition of silver and gold NPs is also mentioned to increase the antimicrobial and healing properties of some cosmetic formulations. <b>Hence statement 2 is correct.</b> The exposure of nanoparticle to environment and	Nanotechnology and nanoparticles have always been in the news. The varied functions of nanoparticles e.g. gold nanoparticles have been hot topics.	E	FCA	<a href="https://pubs.rsc.org/en/content/articlehtml/2015/cs/c5cs00236b#:~:text=Iron%20oxides%2Fsulfides%2C%20silver%2C,occurring%20nanoparticles%20in%20the%20environment.&amp;text=Numerous%20studies%20have%20been%20conducted,on%20humans%20and%20the%20ecosystems.">https://pubs.rsc.org/en/content/articlehtml/2015/cs/c5cs00236b#:~:text=Iron%20oxides%2Fsulfides%2C%20silver%2C,occurring%20nanoparticles%20in%20the%20environment.&amp;text=Numerous%20studies%20have%20been%20conducted,on%20humans%20and%20the%20ecosystems.</a>  <a href="https://www.sciencedirect.com/science/article/abs/pii/S0166526X21000209">https://www.sciencedirect.com/science/article/abs/pii/S0166526X21000209</a>	R R	<b>PT 365 Science and Technology (Pg. 11)</b>

			<p>human can be described through different mechanisms. <b>Primarily occupational exposures occur to workers (including engineers, scientists, and technicians) during the research-scale synthesis and commercial production of nanomaterial-based products.</b> This exposure mainly results from handling of raw materials while carrying out reactions through the equipment. Characterization of resulting material, packing, and transportation can be other sources of this type of exposure. At the second stage, consumers are exposed to such nanomaterial during usage and application and it may lead to harmful and toxic effects. <b>Hence statement 3 is correct.</b></p>					
99	S&T	<p>Consider the following statements: DNA Barcoding can be a tool to:</p> <ol style="list-style-type: none"> <li>1. assess the age of a plant or animal.</li> <li>2. distinguish among species that look alike.</li> <li>3. identify undesirable animal or plant materials in processed foods.</li> </ol> <p>Which of the statements given above is/are correct?</p> <p>(a) 1 only (b) 3 only (c) 1 and 2 (d) 2 and 3</p>	<p><b>D</b> DNA barcoding is the identification of a species by the characteristic sequence of a standard short section of DNA in its genome. DNA barcoding is done by comparing an individual DNA sequence with a reference library of such DNA sections (called sequences). The introduction of DNA barcoding represents a promising approach <b>for food authentication</b>, being broadly applied in fish species. DNA barcoding has been successful <b>when applied to seafood</b> because the number of species is high in comparison to other animal sources, such as cattle, sheep, goat, and horse, enhancing the effectiveness of the approach. DNA barcoding techniques were used to explore the composition of roasted barley tea (<i>Hordeum vulgare</i>), which was exported to a certain country from China but then returned, due to the detection of other undesirable plant components present. Contaminants were found. <b>Hence option 3 is correct.</b></p> <p>DNA barcoding will allow users <b>to efficiently recognize known species</b> and speed the discovery of species yet to be found in nature. There have been reports of DNA barcodes used in distinguishing species of tropical Lepidoptera (an order of insects that includes butterflies and moths which are similar). DNA barcodes effectively distinguish among species in three Lepidoptera families from Area de Conservación Guanacaste in northwestern Costa Rica. <b>Hence option 2 is correct.</b></p>	<p>Owing to the frequent discoveries of species belonging to common genera e.g. frogs, fishes, etc.</p>	D	CAA	<p><a href="https://www.thehindu.com/news/national/kerala/genetic-barcodes-reveal-three-frogs-unreported-in-india/article24667101.ece">https://www.thehindu.com/news/national/kerala/genetic-barcodes-reveal-three-frogs-unreported-in-india/article24667101.ece</a></p> <p><a href="https://www.pnas.org/doi/10.1073/pnas.0510466103#:~:text=The%20use%20of%20DNA%20barcodes,rich%20tropical%20biotas%20is%20unknown.">https://www.pnas.org/doi/10.1073/pnas.0510466103#:~:text=The%20use%20of%20DNA%20barcodes,rich%20tropical%20biotas%20is%20unknown.</a></p> <p><a href="https://www.sciencedirect.com/topics/agricultural-and-biological-sciences/dna-barcoding#:~:text=DNA%20bar">https://www.sciencedirect.com/topics/agricultural-and-biological-sciences/dna-barcoding#:~:text=DNA%20bar</a></p>	R R

				However, DNA barcoding is not known to be used for the assessment of age of living organisms. <b>Hence option 1 is not correct. Hence (d) is the correct answer.</b>			oding%20is%20a%20system,6.1).  <a href="https://www.researchgate.net/publication/272535748_A_successful_case_of_DNA_barcoding_used_in_an_international_trade_dispute">https://www.researchgate.net/publication/272535748_A_successful_case_of_DNA_barcoding_used_in_an_international_trade_dispute</a>		
100	Environment	Consider the following: 1. Carbon monoxide 2. Nitrogen oxide 3. Ozone 4. Sulphur dioxide Excess of which of the above in the environment is/are cause(s) of acid rain? (a) 1, 2 and 3 (b) 2 and 4 only (c) 4 only (d) 1, 3 and 4	<b>B</b>	<b>Acid rain results when sulfur dioxide (SO<sub>2</sub>) and nitrogen oxides (NO<sub>x</sub>)</b> are emitted into the atmosphere and transported by wind and air currents. The SO <sub>2</sub> and NO <sub>x</sub> react with water, oxygen and other chemicals to form sulfuric and nitric acids. These then mix with water and other materials before falling to the ground.	This question aims to test the fundamental knowledge	E	F	<a href="https://ncert.nic.in/textbook/pdf/kech207.pdf">https://ncert.nic.in/textbook/pdf/kech207.pdf</a>	E M  <b>Vision IAS Test Series: Test 3477</b>  Which of the following statements is not correct with respect to acid rain? (a) Acid rain is resulted from the emission of oxides of sulphur and nitrogen. (b) Acid rain dissolves and washes away nutrients needed for the growth of crops. (c) Acid rain has a pH value of between 6 and 7. (d) Acid rain corrodes water pipes resulting in the leaching of heavy metals into drinking water.  <b>Explanation mentions:</b> Acid rain refers to the ways in which acid from the atmosphere is deposited on the earth's surface. Oxides of nitrogen and sulfur which are acidic in nature can be blown

by the wind along with solid particles in the atmosphere and finally settle down either on the ground as dry deposition or in water, fog and snow as wet deposition.



**LIVE/ONLINE**  
classes also available

# ETHICS

## Case Studies Classes

 To train the aspirants for developing an understanding to solve ethics case study from basic to advance level

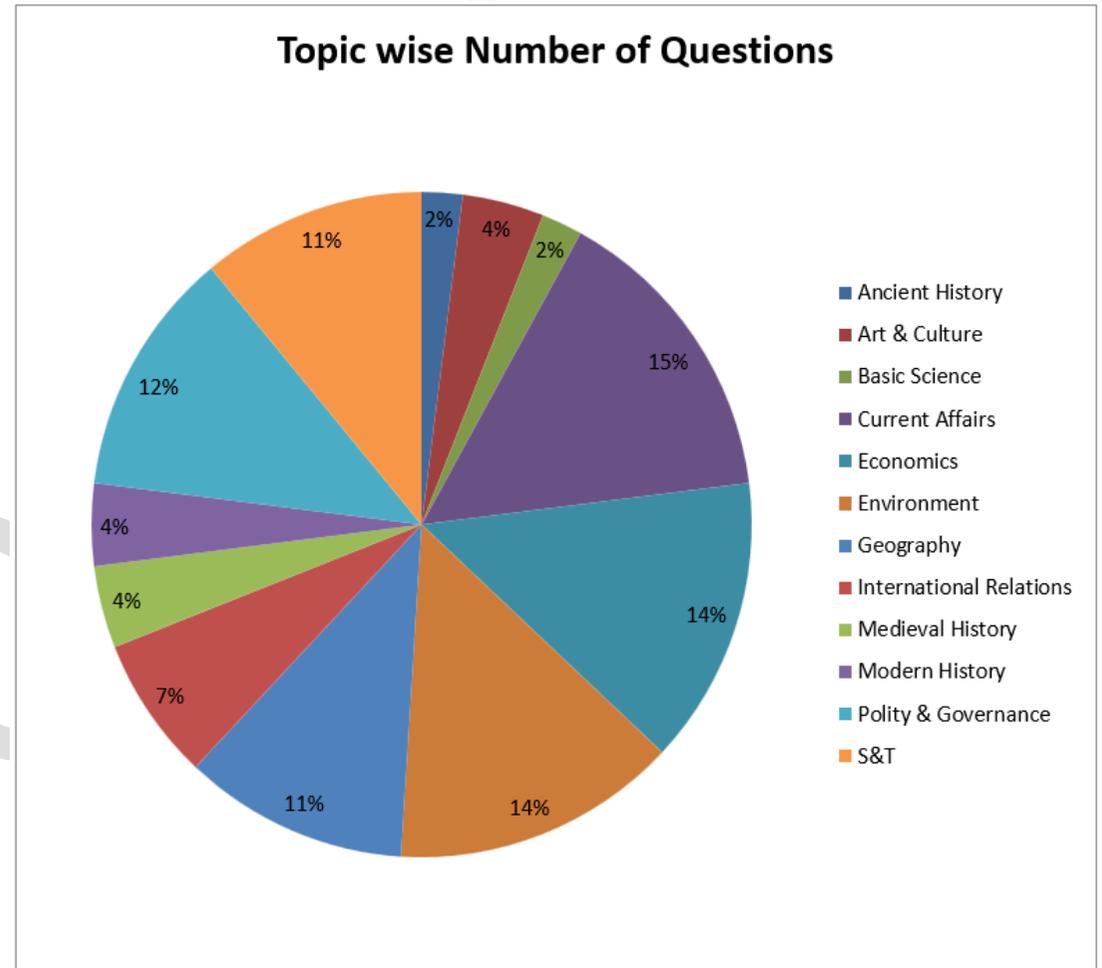
 Case studies covers all the exclusive topics from contemporary and current issues as well as previous Year UPSC Paper Case studies

 5 weeks Program (2-3 days in a week)

**Starts: 30<sup>th</sup> JUNE | 5 PM**

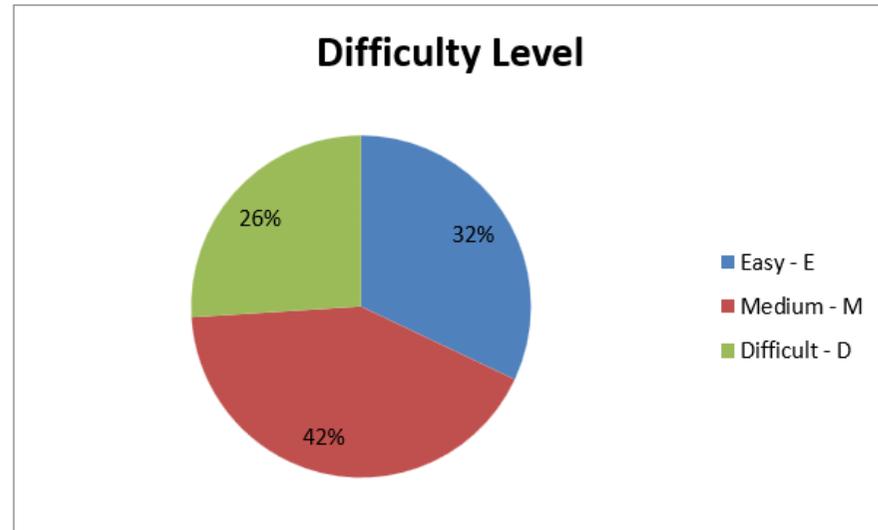
## TOPIC

Topic	Number of Questions
Ancient History	2
Art & Culture	4
Basic Science	2
Current Affairs	15
Economics	14
Environment	14
Geography	11
International Relations	7
Medieval History	4
Modern History	4
Polity & Governance	12
S&T	11
<b>Total</b>	<b>100</b>



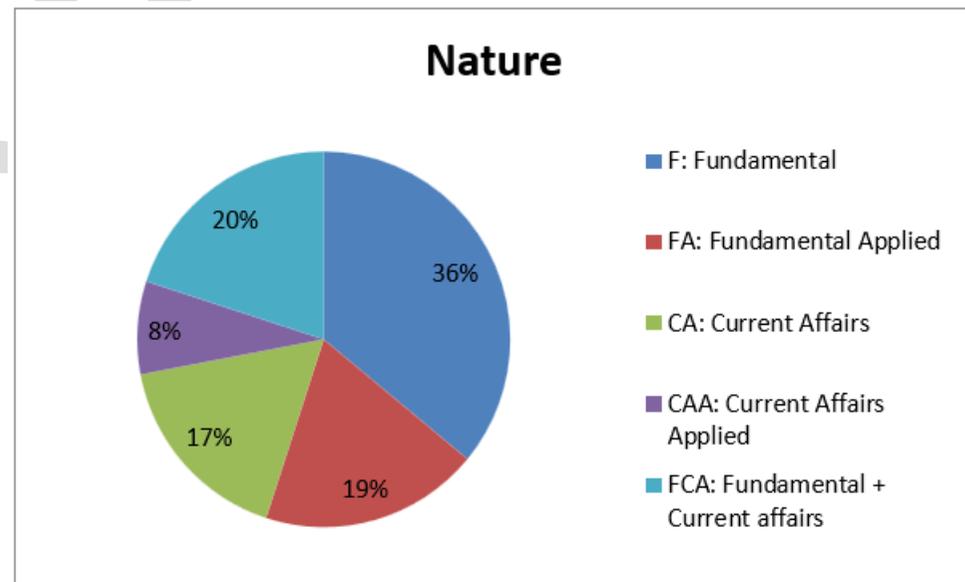
## DIFFICULTY

Difficulty Level	Number of Questions
Easy - E	32
Medium - M	42
Difficult - D	26



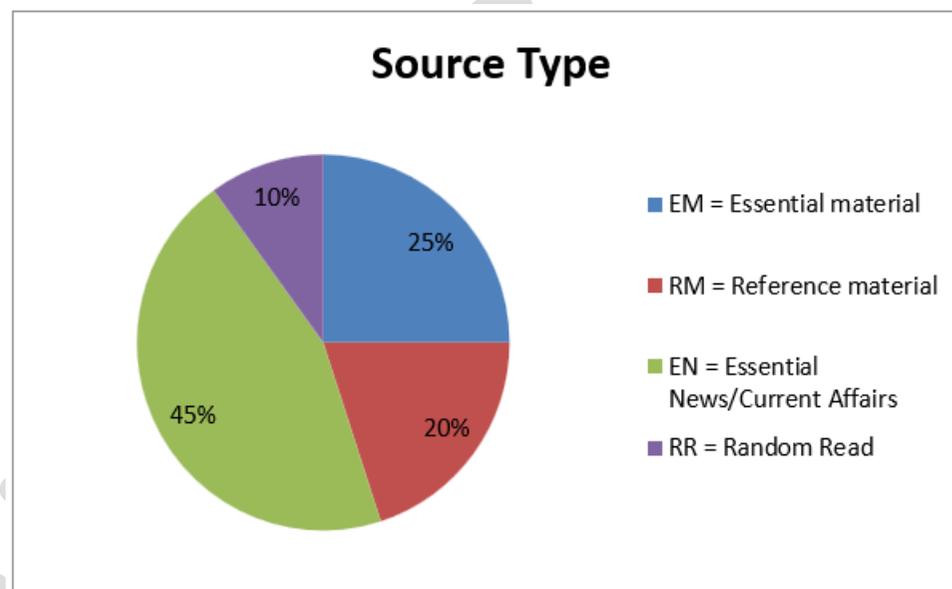
## NATURE

Nature	Number of Questions
F: Fundamental	36
FA: Fundamental Applied	19
CA: Current Affairs	17
CAA: Current Affairs Applied	8
FCA: Fundamental + Current affairs	20



## SOURCE TYPE

Source Type	Number of Questions
EM = Essential material	25
RM = Reference material	20
EN = Essential News/Current Affairs	45
RR = Random Read	10



**Copyright © by Vision IAS**

*All rights are reserved. No part of this document may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior permission of Vision IAS.*