

UPSC CSE Prelims 2024 Paper I: Detailed Analysis with Explanation

Overview

This **UPSC CSE Prelims 2024 Answer Key Analysis** document provides a comprehensive breakdown of the questions asked in the UPSC Civil Services Examination (CSE) Preliminary Exam for the year 2024. This analysis is meticulously organized and categorized to offer valuable insights into the nature and sources of the questions.

Subject-wise Breakdown

The document provides a detailed subject-wise analysis of the questions, including their sources and difficulty levels. Below is an overview of the questions asked in each subject:

Subject	Questions Asked	Difficulty Level	Sources
Polity & Governance	Indian Constitution, governance mechanisms, amendments, parliamentary committees, roles of various government bodies, and important judgments	Mostly Easy to Medium	NCERT textbooks, standard books on Indian Polity, government publications
Modern History	Significant personalities, historical events, freedom struggle, movements, and colonial history	Medium	NCERT textbooks, standard history books
Geography	Indian and World Geography, physical geography, human geography, environmental geography, and mapping	Medium	NCERT textbooks, standard geography books, atlases
Economy	Economic concepts, policies, schemes, economic surveys, and current economic scenarios	Medium to Hard	Standard economy textbooks, government reports, economic surveys
Science & Technology	Recent technological advancements, scientific phenomena, space and defense technology, biotechnology, and environment	Medium	Standard science books, current scientific publications
Environment & Ecology	Biodiversity, conservation efforts, environmental issues, climate change, and international environmental conventions	Medium to Hard	Standard textbooks, current environmental reports, international agreements
Current Affairs	Recent developments, government schemes, national and international events, and important appointments	Easy to Medium	Newspapers, periodicals, official government releases
Art & Culture	Indian art, architecture, literature, and cultural heritage	Medium	NCERT textbooks, standard books on Indian culture

Distribution of Questions

Subject	No of Questions	Type of Question		Difficulty		
		Static	Current Affairs	Easy	Medium	Hard
Ancient History	3	3	0	0	3	0
Medieval History	1	1	0	0	1	0
Modern History	2	2	0	0	2	0
Art & Culture	4	2	2	2	2	0
Polity & Governance	18	16	2	13	5	0
Economic & Social Development	14	8	6	7	7	0
Environment & Ecology	16	7	9	5	8	3
Science & Technology	9	3	6	4	3	2
Indian and World Geography	18	17	1	12	5	1
Current Affairs/Miscellaneous	15	1	14	6	7	2
Overall	100	60	40	49	43	8

Ancient History

Topic	No of Questions	Static	Current Affairs	Easy	Medium	Hard
Overall	3	3	0	0	3	0
Jainism and Buddhism	2	2	0	0	2	0
Miscellaneous	1	1	0	0	1	0

Medieval History

Topic	No of Questions	Static	Current Affairs	Easy	Medium	Hard
Overall	1	1	0	0	1	0
Vijayanagar Empire	1	1	0	0	1	0

Modern History

Topic	No of Questions	Static	Current Affairs	Easy	Medium	Hard
Overall	2	2	0	0	2	0
British Administration before 1857	1	1	0	0	1	0
Important Personalities	1	1	0	0	1	0

Art & Culture

Topic	No of Questions	Static	Current Affairs	Easy	Medium	Hard
Overall	4	2	2	2	2	0
Languages & Literature in India	2	2	0	1	1	0
UNESCO Heritage List	2	0	2	1	1	0

Polity & Governance

Topic	No of Questions	Static	Current Affairs	Easy	Medium	Hard
Overall	18	16	2	13	5	0
Historical Background	1	1	0	0	1	0
Making of Indian Constitution	1	1	0	1	0	0
Salient Features of the Indian Constitution	1	1	0	1	0	0
Amendment of Constitution	2	2	0	2	0	0
Fundamental Rights	2	1	1	2	0	0
Parliamentary System	1	1	0	1	0	0
Centre-State relations	1	1	0	0	1	0
Parliament & State Legislature	4	4	0	2	2	0
Parliamentary Committees	1	0	1	0	1	0
Non Constitutional Bodies	1	1	0	1	0	0
Elections & RPA	1	1	0	1	0	0
Miscellaneous (including Governance)	2	2	0	2	0	0

Economic & Social Development						
Topic	No of Questions	Static	Current Affairs	Easy	Medium	Hard
Overall	14	8	6	7	7	0
Fundamentals of Economy	2	2	0	2	0	0
Banking in India	2	0	2	0	2	0
Financial Market	6	6	0	4	2	0
Planning in India	1	0	1	0	1	0
Socio-Economic Schemes	2	0	2	0	2	0
Miscellaneous	1	0	1	1	0	0

Environment & Ecology						
Topic	No of Questions	Static	Current Affairs	Easy	Medium	Hard
Overall	16	7	9	5	8	3
Biodiversity Basics	7	4	3	1	4	2
Biodiversity Conservation	1	0	1	0	1	0
Environmental Pollution	4	1	3	2	1	1
Waste Management	1	1	0	1	0	0
Environmental Policies & Laws	1	0	1	0	1	0
Climate Change	1	1	0	0	1	0
Miscellaneous	1	0	1	1	0	0

Science & Technology						
Topic	No of Questions	Static	Current Affairs	Easy	Medium	Hard
Overall	9	3	6	4	3	2
Basic Science	2	2	0	1	1	0
Defence	1	0	1	1	0	0
Nuclear Energy	1	0	1	0	0	1
IT and Communication	2	1	1	1	1	0
Miscellaneous	3	0	3	1	1	1

Indian and World Geography						
Topic	No of Questions	Static	Current Affairs	Easy	Medium	Hard
Overall	18	17	1	12	5	1
Geomorphology	1	1	0	1	0	0
Climatology	7	7	0	4	3	0
Oceanography	2	2	0	1	1	0
Human Geography	2	1	1	1	1	0
Mapping	5	5	0	4	0	1
Agriculture	1	1	0	1	0	0

Detailed Explanations

Question Number	Question (Set - D)	Subject	Topic	Static/ Current Affairs	Nature of Question	Difficulty Level	Source	Answer	Explanation
1	How many Delimitation Commissions have been constituted by the Government of India till December 2023? (a) One (b) Two (c) Three (d) Four	Polity & Governance	Elections & RPA	Static	Fundamental	Easy	NCERT	D	<p>Delimitation literally means the act or process of fixing limits or boundaries of territorial constituencies in a country or a province having a legislative body.</p> <p>The job of delimitation is assigned to a high-power body. Such a body is known as the Delimitation Commission or a Boundary Commission.</p> <p>In India, such Delimitation Commissions have been constituted 4 times – in 1952 under the Delimitation Commission Act, 1952, in 1963 under the Delimitation Commission Act, 1962, in 1973 under the Delimitation Act, 1972 and in 2002 under the Delimitation Act, 2002.</p> <p>The Delimitation Commission in India is a high-power body whose orders have the force of law and cannot be called into question before any court.</p>

									<p>These orders come into force on a date to be specified by the President of India on this behalf.</p> <p>The copies of its orders are laid before the House of the People and the State Legislative Assembly concerned, but no modifications are permissible therein by them.</p>										
2	<p>The Constitution (71st Amendment) Act, 1992 amends the Eighth Schedule to the Constitution to include which of the following languages ?</p> <p>1.Konkani</p> <p>2. Manipuri</p> <p>3. Nepali</p> <p>4. Maithili</p> <p>Select the correct answer using the codes given below</p> <p>(a) 1,2 and 3</p> <p>(b) 1,2 and 4</p> <p>(c) 1,3 and 4</p> <p>(d) 2,3 and 4</p>	Polity & Governance	Amendment of Constitution	Static	Fundamental	Easy	Standard Book	A	<p>Statements 1, 2, and 3 are correct: Konkani, Manipuri, and Nepali were added by the 71st amendment,</p> <p>Statement 4 is not correct Maithali was added by the 92nd amendment</p>										
3	<p>Consider the following pairs</p> <p>Party: Its Leader</p> <table><tr><th>Party</th><th>Its Leader</th></tr><tr><td>1. Bharatiya Jana Sangh</td><td>Dr. Shyama Prasad Mukherjee</td></tr><tr><td>2. Socialist Party</td><td>C. Rajagopalachari</td></tr><tr><td>3. Congress for Democracy</td><td>Jagjivan Ram</td></tr><tr><td>4. Swatantra Party</td><td>Acharya Narendra Dev</td></tr></table> <p>How many of the above are correctly matched ?</p> <p>(a) Only one</p> <p>(b) Only two</p> <p>(c) Only three</p> <p>(d) All four</p>	Party	Its Leader	1. Bharatiya Jana Sangh	Dr. Shyama Prasad Mukherjee	2. Socialist Party	C. Rajagopalachari	3. Congress for Democracy	Jagjivan Ram	4. Swatantra Party	Acharya Narendra Dev	Modern History	Important Personalities	Static	Fundamental	Medium	NCERT	B	<p>Statement 1 is correct: Dr Shyama Prasad Mukherjee was with the Bharatiya Jan Sangh</p> <p>Statement 2 is not correct: Rajagopalachari was with the Swatantra Party.</p> <p>Statement 3 is correct: Jagjivan Ram was associated with the Congress for Democracy</p> <p>Statement 4 is not correct Acharya Narendra Dev was associated with the Socialist Party,</p>
Party	Its Leader																		
1. Bharatiya Jana Sangh	Dr. Shyama Prasad Mukherjee																		
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4	<p>Which of the following statements are correct about the Constitution of India ?</p> <p>1. Powers of the Municipalities are given in Part IX A of the Constitution.</p> <p>2. Emergency provisions are given in Part XVIII of the Constitution.</p> <p>3. Provisions related to the amendment of the Constitution are given in Part XX of the Constitution</p> <p>Select the answer using the code given below</p> <p>(a) 1 and 2 only</p> <p>(b) 2 and 3 only</p> <p>(c) 1 and 3 only</p>	Polity & Governance	Salient Features of the Indian Constitution	Static	Fundamental	Easy	NCERT	D	<p>Statement 1 is correct: Part IXA of the Constitution was inserted by the Constitution 74th Amendment) Act, 1992. It contains provisions for local self government at the urban level. Especially Article 243W: Powers, authority, and Responsibilities of Municipalities, etc</p> <p>Statement 2 is correct: Part XVIII of the Constitution contains provisions for emergency situations, including national, localized, and financial emergencies.</p> <p>Statement 3 is correct: Part XX of the Constitution contains a single Article that grants Parliament the power to amend the Constitution, and the procedure therefor.</p>

	(d) 1, 2 and 3								
5	<p>Which one of the following statements is correct as per the Constitution of India ?</p> <p>(a) Inter-State trade and commerce is a State subject under the State List.</p> <p>(b) Inter-State migration is a State subject under the State List</p> <p>(c) Inter-State quarantine is a Union subject under the Union List</p> <p>(d) Corporation tax is a State subject under the State List.</p>	Polity & Governance	Centre-State relations	Static	Fundamental	Medium	Misc	C	<p>Option (a) is not correct: Union list 42 Inter-State trade and commerce.</p> <p>Option (b) is not correct: Union 81. Inter-State migration; inter-State quarantine</p> <p>Option (c) is correct: Union 81. Inter-State migration; inter-State quarantine</p> <p>Option (d) is not correct as Union list 85 Corporation tax.</p>
6	<p>Under which of the following Articles of the Constitution of India, has the Supreme Court of India placed the Right to Privacy?</p> <p>(a) article 15</p> <p>(b) article 16</p> <p>(c) Article 19</p> <p>(d) Article 21</p>	Polity & Governance	Fundamental Rights	Current Affairs	Fundamental	Easy	Standard Book	D	<p>The Constitution of India does not specifically guarantee a right to privacy.</p> <p>Supreme Court in the writ petition of Justice K.S Puttaswamy, Court in a landmark judgement on 24 August, 2017 unanimously ruled that privacy is a fundamental right under Article 21 – the right to life and liberty under Part III of the Constitution.</p> <p>The Bench also ruled that the right to privacy is not absolute, but is subject to reasonable restrictions (as is every other fundamental right)</p> <p>Option (d) is correct</p>
7	<p>What are the duties of the Chief of Defence. Staff (CDS) as Head of the Department of Military Affairs ?</p> <p>1. Permanent Chairman of Chiefs of Staff Committee</p> <p>2. Exercise military command over the three Service Chiefs</p> <p>3. Principal Military Advisor to Defence Minister on all tri-service matters</p>	Current Affairs/Miscellaneous		Current Affairs	Fundamental	Easy	Newspaper	D	<p>The duties and functions of the Chief of Defence Staff (CDS) include the following:</p> <p>To head the Department of Military Affairs in Ministry of Defence and function as its Secretary.</p> <p>To act as the Principal Military Advisor to Hon'ble Raksha Mantri on all Tri-Service matters, So statement 3 is correct</p> <p>To function as the Permanent Chairman of the Chiefs of Staff Committee, So Statement 1 is correct</p>

	<p>Select the correct answer using the code given below:</p> <p>(a) 1,2 and3</p> <p>(b) 1 and 2 only</p> <p>(c) 2 and 3 only</p> <p>(d) 1 and 3 only</p>							<p>To administer the Tri-Service organizations/agencies/commands.</p> <p>To be a member of Defence Acquisition Council chaired by Hon'ble Raksha Mantri.</p> <p>To function as the Military Advisor to the Nuclear Command Authority.</p> <p>To bring about jointness in operation, logistics, transport, training, support services, communications, repairs and maintenance, etc of the three Services.</p> <p>To ensure optimal utilisation of infrastructure and rationalise it through jointness among the Services.</p> <p>To implement Five-Year Defence Capital Acquisition Plan and Two-Year roll-on Annual Acquisition Plans, as a follow up of Integrated Capability Development Plan.</p> <p>To assign inter-services prioritisation to capital acquisition proposals based on the anticipated budget.</p> <p>To bring about reforms in the functioning of three Services with the aim to augment combat capabilities of the Armed Forces by reducing wasteful expenditure.</p> <p>Option 2 is not correct: CDS does not enjoy any military command over the three or any armed forces</p>	
8	<p>Operations undertaken by the Army towards upliftment of the local population in remote areas to include addressing of their basic needs is called</p> <p>(a) Operation Sankalp</p> <p>(b) Operation Maitri</p> <p>(c) Operation Sadbhavana</p>	Current Affairs/Miscellaneous		Current Affairs	Fundamental	Medium	NCERT	C	<p>Op Sankalp': Indian Navy's maritime security operations maritime security in the gulf of Aden, Arabian sea etc, and Indian Navy played pivotal role as the 'First Responder' and 'Preferred Security Partner' in the Indian Ocean Region.</p> <p>Operation Maitri: (Operation Amity) was a rescue and relief operation in Nepal by the government of India and Indian armed forces in the aftermath of the April 2015 Nepal earthquake.</p>

	(d) Operation Madad								<p>Operation SADBHAVANA', Indian Army is undertaking multiple welfare activities such as running of Army Goodwill Schools, Infrastructure Development Projects and Education Tours etc. for the children living in remote areas of Union Territory (UT) of Ladakh.</p> <p>Rs 8.82 crore of 'Operation SADBHAVANA' funds have been allotted for the Union Territory of Ladakh during the current financial year 2022-23. For Human Resource/Skill Development, Sports, Healthcare, National Integration, Infrastructure Development, Ecology, Environment and Education.</p> <p>Operation Madad: Rescue and relief operations in Kerala in the aftermath of flooding of many parts of the state.</p>
9	<p>The longest border between any two countries in the world is between</p> <p>(a) Canada and the United States of America</p> <p>(b) Chile and Argentina</p> <p>(c) China and India</p> <p>(d) Kazakhstan and Russian Federation</p>	Indian and World Geography	Mapping	Static	Applied	Easy	Standard Book	A	<p>USA and Canada share the world's longest land border i.e. 8893 km So option (a) is correct</p> <p>Chile and Argentina share border of 5,300 km</p> <p>China and India share a border of 3488 Km</p> <p>Kazakhstan and Russian Federation share a border of 7,800 kilometers</p>
10	<p>Which of the following statements about the Ethics Committee in the Lok Sabha are correct ?</p> <p>1. Initially it was an ad-hoc Committee.</p> <p>2. Only a Member of the Lok Sabha can make a complaint relating to unethical conduct of a member of the Lok Sabha</p>	Polity & Governance	Parliamentary Committees	Current Affairs	Applied	Medium	Newspaper	C	<p>Statement 1 is correct: It was an ad-hoc committee which became permanent in 2015.</p> <p>Statement 2 not correct: Procedure for ethics complaints: Rule 233A (1) Any person or member may make a complaint relating to unethical conduct of a member of Lok Sabha. Provided that if a complaint is made by any person, it shall be forwarded by a member.</p> <p>Statement 3 is correct: The Committee on Ethics shall not take up any matter which is sub-judice and the decision</p>

	3. This Committee cannot take up any matter which is sub-judice. Select the 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								of the Committee as to whether such matter is or is not sub-judice shall for the purposes of these rules be treated as final
11	Who was the Provisional President of the Constituent Assembly before Dr. Rajendra Prasad took over ? (a) C. Rajagopalachari (b) DR BR Ambedkar (c) TT. Krishnamachari (d) Dr. Sachchidananda Sinha	Polity & Governance	Making of Indian Constitution	Static	Fundamental	Easy	NCERT	D	Option (d) is correct Sinha was elected to the Constituent Assembly from Bihar on a Congress Party ticket. He served as interim President of the Assembly before Rajendra Prasad was formally appointed as President.
12	With reference to the Government of India Act, 1935, consider the following statements 1. It provided for the establishment of an All India Federation based on the union of the British Indian Provinces and Princely States. 2. Defence and Foreign Affairs were kept under the control of the federal legislature 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	Polity & Governance	Historical Background	Static	Fundamental	Medium	Standard Book	A	<p>Option 1 is correct: Creation of an All India Federation consist of British India and the princely states.</p> <p>The provinces in British India would have to join the federation but this was not compulsory for the princely states. This federation never materialised because of the lack of support from the required number of princely states.</p> <p>Option 2 is not correct : Defence and foreign affairs were kept under the control of Governor general and not federal legislature</p>

13	Which one of the following is a work attributed to playwright Bhasa ? (a) Kavyalankara (b) Natyashastra (c) Madhyama-yayoga (d) Mahabhashya	Art & Culture	Languages & Literature in India	Static	Fundamental	Medium	C	<p>Option C is correct: Playwright Bhasa wrote Madhyama Vyayoga.</p> <p>Madhyama Vyayoga is a Sanskrit play which focuses on the name confusion between the priest Keshav Das's middle son and the middle Pandava prince Bhima. Also, the reunion of Bhima and Ghatotkacha as father and son take place.</p> <p>Kavyalankara is a Sanskrit work by Bhamaha.</p> <p>The Natya Shastra is a Sanskrit treatise on the performing arts and is attributed to sage Bharata.</p> <p>Mahabhashya is attributed to Patañjali, and is a commentary on selected rules of Sanskrit grammar from Panini's treatise, the Aṣṭadhyayī, as well as Katyayana's Varttika-sutra.</p>	
14	Sanghabhuti, an Indian Buddhist monk, who travelled to China at the end of the fourth century AD, was the author of a commentary on (a) Prajnaparamita Sutra (b) Visuddhimagga (c) Sarvastivada Vinaya (d) Lalitavistara	Ancient History	Jainism and Buddhism	Static	Fundamental	Medium	C	<p>Option C is correct: Sanghabhuti, author of a commentary on the Sarvastivada Vinaya</p>	
15	Consider the following properties included in the World Heritage List released by UNESCO 1. Shantiniketan 2. Rani-ki-Vav 3. Sacred Ensembles of the Hoysalas 4. Mahabodhi Bodhgaya	Art & Culture	Miscellaneous	Current Affairs	Fundamental	Medium	Newspaper	B	<p>Option 1 and 3 are correct: Sacred Ensembles of the Hoysalas, Santiniketan are the two sites added to the list in 2023.</p> <p>Option 1 is correct : Santiniketan: is India's 41st UNESCO World Heritage Site. It is an ensemble of historic buildings, landscapes and gardens, pavilions, artworks, and continuing educational and cultural traditions that together express its Outstanding Universal Value.</p>

	How many of the above properties were included in 2023? (a) Only one (b) Only two (c) Only three (d) All four								<p>Option 2 is incorrect Rani-Ki-Vav: Rani ki vav is an intricately constructed stepwell situated in the town of Patan in Gujarat, India. It is located on the banks of Saraswati River. Rani ki vav was built as a memorial to an 11th-century AD king Bhimdev I. It was added to the list of UNESCO's World Heritage Sites on 22 June 2014.</p> <p>Statement 3 is correct : The Sacred Ensembles of the Hoysalas consist of a collection of Hoysala temples. These were built in the 12th-13th centuries and are represented here by the three components of Belur, Halebid, and Somnathapura.</p> <p>The three temples include; The Chennakeshava temple: It is the main temple in the complex at Belur (Hassan district), located at the centre of the traditional settlement, which is surrounded by the remnants of a mud fort and a moat.</p> <p>Option 4 is incorrect: Mahabodhi Temple: is a Buddhist temple located in Bodh Gaya, Bihar. It was built by Emperor Ashoka. It is one of the earliest Buddhist temples built entirely from bricks. It was included in the list of UNESCO World Heritage Sites in 2002.</p>
16	As per Article 368 of the Constitution of India, the Parliament may amend any provision of the Constitution by way of 1. Addition 2. Variation 3. Repeal Select the correct answer using the code given below: (a) 1 and 2 only (b) 2 and 3 only (c) 1 and 3 only	Polity & Governance	Amendment of Constitution	Static	Fundamental	Easy	Standard Book	D	Article 368(1) Notwithstanding anything in this Constitution, Parliament may in exercise of its constituent power amend by way of addition, variation or repeal any provision of this Constitution in accordance with the procedure laid down in this article.

	(d) 1,2 and 3								
17	<p>Consider the following countries: 1. Italy 2. Japan 3. Nigeria 4. South Korea 5. South Africa Which of the above countries are frequently mentioned in the media for their low birth rates, or ageing population or declining population ? (a) 1.2 and 4 (b) 1, 3 and 5 (c) 2 and 4 only (d) 3 and 5 only</p>	Current Affairs/Miscellaneous		Current Affairs	Fundamental	Easy	Newspaper	A	<p>Statement 3 is not correct - Nigeria: It ranks number 6 in the list of countries (and dependencies) by population. The population density in Nigeria is 246 per Km² (636 people per mi²). The median age in Nigeria is 17.2 years. Growth rate 2.53% (2022 est.)</p> <p>Statement 5 is not correct : South Africa: It ranks number 24 in the list of countries (and dependencies) by population. The population density in South Africa is 50 per Km² (129 people per mi²). The median age in South Africa is 27.6 years. The current population of South Africa in 2024 is 61,020,221, a 1% increase from 2023</p> <p>Statement 2 is correct: Japan- Population growth rate -0.4% annual change (2022) The median age in Japan is 49.1 years.</p> <p>Statement 1 is correct: Italy-The median age in Italy is 47.7 years. Population growth rate -0.3% annual change (2022)</p> <p>Statement 4 is correct: South Korea: Population growth rate -0.2% annual change (2022) The median age in South Korea is 44.5 years.</p>
18	<p>Which of the following statements are correct in respect of a Money Bill in the Parliament ? 1. Article 109 mentions special procedure in respect of Money Bills 2. A Money Bill shall not be introduced in the Council of States.</p>	Polity & Governance	Parliament & State Legislature	Static	Fundamental	Easy	NCERT	C	<p>Statement 1 is correct: Article 109 in Constitution of India Special procedure in respect of Money Bills</p> <p>Statement 2 is correct: A Money Bill shall not be introduced in the Council of States.</p> <p>Statement 3 is correct: After a Money Bill has been passed by the House of the People it shall be transmitted to the Council of States for its recommendations and the Council of States shall within a period of fourteen days from</p>

	<p>3. The Rajya Sabha can either approve the Bill or suggest changes but cannot reject it</p> <p>4. Amendments to a Money Bill suggested by the Rajya Sabha have to be accepted by the Lok Sabha</p> <p>Select the answer using the code given below</p> <p>(a) 1 and 2 only</p> <p>(b) 2 and 3 only</p> <p>(c) 1,2 and3</p> <p>(d) 1, 3 and4</p>							<p>the date of receipt of the Bill return the Bill to the House of the People with its recommendations and the House of the People may thereupon either accept or reject all or any of the recommendations of the Council of States.</p> <p>If the House of the People accepts any of the recommendations of the Council of States, the Money Bill shall be deemed to have been passed by both Houses with the amendments recommended by the Council of States and accepted by the House of the People.</p> <p>Statement 4 is not correct: If the House of the People does not accept any of the recommendations of the Council of States, the Money Bill shall be deemed to have been passed by both Houses in the form in which it was passed by the House of the People without any of the amendments recommended by the Council of States.</p> <p>If a Money Bill passed by the House of the People and transmitted to the Council of States for its recommendations is not returned to the House of the People within the said period of fourteen days, it shall be deemed to have been passed by both Houses at the expiration of the said period in the form in which it was passed by the House of the People.</p>
19	<p>Which of the following is/are correctly matched in terms of equivalent rank in the three services of Indian Defence forces ?</p>	Current Affairs/Miscellaneous	Static	Unconventional	Medium	Standard Book	D	<p>Therefore option D (3 only) is the correct answer.</p>

	Select the correct answer using the code given (a) 1 and 4 (b) 1 and 3 (c) 2, 3 and 4 (d) 3 only								
20	<p>The North Eastern Council (NEC) was established by the North Eastern Council Act, 1971. Subsequent to the amendment of NEC Act in 2002, the Council comprises which of the following members ?</p> <p>1. Governor of the Constituent State 2. Chief Minister of the Constituent State 3. Three Members to be nominated by the President of India 4. The Home Minister of India</p> <p>Select the correct answer using the code given below: (a) 1,2 and 3 only (b) 1,3 and 4 only (c) 2 and 4 only (d) 1, 2, 3 and 4</p>	Polity & Governance	Non Constitutional Bodies	Static	Fundamental	Easy	Standard Book	D	<p>The North Eastern Council (NEC) came into being by an Act of Parliament, the North Eastern Council Act, 1971 to act as an advisory body in respect of socio-economic development and balanced development of the North Eastern Areas consisting of the present States of Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim and Tripura. The NEC started functioning in 1972.</p> <p>The members of the NEC consists of the Governors and the Chief Ministers of the eight member States including Sikkim, apart from the Chairman and three Members who are nominated by the President of India.</p> <p>The Union Home Minister is the ex-officio chairman of the North Eastern Council.</p> <p>Therefore option D (1, 2, 3 and 4) is the correct answer.</p>
21	<p>Consider the following statements regarding Nari Shakti Vandan Adhiniyam:</p> <p>1. Provisions will come into effect from the 18th Lok Sabha 2. This will be in force for 15 years after becoming an Act</p>	Polity & Governance	Miscellaneous (including Governance)	Static	Fundamental	Easy	Standard Book	C	<p>Sattemet 1 is not correct: Provisions will come into effect after the delimitation exercise post the 18th Lok Sabha.</p> <p>Option 2 is correct: Once it becomes an Act, the law will be in force for 15 years. The seats reserved for women will be rotated after every delimitation exercise.</p> <p>Option 3 is correct: Within the women's quota itself, one-third of the seats will be reserved for women belonging</p>

	3. There are provisions for the reservation of seats for Scheduled Castes Women within the quota reserved for the Scheduled Castes Which of the statements given above are correct ? (a) 1,2 and 3 (b) 1 and 2 only (c) 2 and 3 only (d) 1 and 3 only								to the Scheduled Castes and the Scheduled Tribes. There is, however, no separate quota for women belonging to other backward classes. Therefore option C (2 and 3 only) is the correct answer.
22	Which of the following statements about Exercise Mitra Shakti-2023' are correct ? 1. This was a joint military exercise between India and Bangladesh 2. It commenced in Aundh (Pune). 3. Joint response during counter-terrorism operations was a goal of this operation 4. Indian Air Force was a part of this exercise Select the answer using the code given below (a) 1,2 and 3 (b) 1,2 and 4 (c) 1, 3 and 4 (d) 2, 3 and 4	Current Affairs/Miscellaneous	Current Affairs	Fundamental	Easy	Newspaper	D	Statement 1 and 2 are correct Exercise MITRA SHAKTI-2023" (INDIA - SRI LANKA JOINT EXERCISE) was held in Aundh (Pune) from 16th to 29th November 2023. Statement 3 is correct: The aim of the exercise is to jointly rehearse conduct of Sub Conventional operations under Chapter VII of the United Nations Charter. The Scope of the exercise includes synergising joint responses during counter-terrorist operations. Both sides will practice tactical actions such as raid, search and destroy missions, heliborne operations, etc. Statement 4 is correct: 15 personnel from Indian Air Force and five personnel from Sri Lankan Air Force are also participating in the exercise. Therefore option D (2, 3 and 4) is the correct answer.	
23	A Writ of Prohibition is an order issued by the Supreme Court or High Courts to (a) a government officer prohibiting him from taking a particular action (b) the Parliament/Legislative Assembly to pass a law on Prohibition.	Polity & Governance	Fundamental Rights	Static	Fundamental	Easy	NCERT	C	The primary purpose of the Writ of Prohibition is to prevent a lower court, administrative body, or tribunal from exceeding its jurisdiction or acting in a manner contrary to the principles of natural justice. It acts as a judicial command, directing the court or tribunal to cease proceedings that are beyond its legal authority.

	<p>(c) the lower court prohibiting continuation of proceedings in a case</p> <p>(d) the Government prohibiting it from following an unconstitutional policy</p>								<p>The writ is typically sought when there is a genuine apprehension of bias, lack of jurisdiction, or a violation of the principles of natural justice, such as denial of a fair hearing or violation of the rule against bias.</p> <p>In comparison to the writ of habeas corpus and the writ of mandamus, the scope of this writ is narrow and can only be issued to a judicial body and quasi-judicial authorities.</p> <p>The Writ of Prohibition: Grounds to Issue</p> <p>Lack of Jurisdiction:</p> <p>Violation of Natural Justice</p> <p>Violation of Basic Rights</p> <p>Errors of Law</p> <p>Acts unconstitutionally or ultra-vires</p> <p>Lack of evidence in truthful judgments</p> <p>Excess of Jurisdiction</p> <p>Therefore option C (the lower court prohibiting continuation of proceedings in a case) is the correct answer.</p>
24	<p>Consider the following statements :</p> <p>1. It is the Governor of the State who recognizes and declares any community of that State as a Scheduled Tribe.</p> <p>2. A community declared as a Scheduled Tribe in a State need not be so in another State</p> <p>Which of the statements given above is/are correct ?</p> <p>(a) 1 only</p> <p>(b) 2 only</p> <p>(c) Both 1 and 2</p> <p>(d) Neither 1 nor 2</p>	Polity & Governance	Miscellaneous (including Governance)	Static	Fundamental	Easy	NCERT	B	<p>Statement 1 is not correct : Article 342(1): Scheduled Tribes - the President may with respect to any State or Union Territory, and where it is a State, after consultation with the Governor thereof, by a public notification, specify the tribes or tribal communities or part of or groups within tribes or tribal communities as Scheduled Tribe in relation to that State or Union Territory as the case may be.</p> <p>Parliament may by law include in or exclude from the list of Scheduled Tribes specified in a notification issued under clause (1) any tribe or tribal community or part of or group within any tribe or tribal community, but save as aforesaid a notification issued under the said clause shall not be varied by any subsequent notification.</p> <p>Statement 2 is correct: The list of Scheduled Tribes is State/UT specific and a community declared as a Scheduled Tribe in a State need not be so in another State.</p>

									The Presidential notifications under Clause 1 of Article 342 of the Constitution are issued as the Constitution Orders. Two Constitution Orders were initially issued in relation to two distinct categories of States as existed at the time of adoption of the Constitution of India. Therefore option B (2 only) is the correct answer.
25	With reference to Union Budget, consider the following statements : 1. The Union Finance Minister on behalf of the Prime Minister lays the Annual Financial Statement before both the Houses of Parliament 2. At the Union level, no demand for a grant be made except on the recommendation of the President of India 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	Polity & Governance	Parliamentary System	Static	Fundamental	Easy	NCERT	B	Statement 1 is not correct Article 112(1): The President shall in respect of every financial year cause to be laid before both the Houses of Parliament a statement of the estimated receipts and expenditure of the Government of India for that year, in this Part referred to as the "annual financial statement". Statement 2 is correct: Parliament: Article 113 (3): No demand for a grant shall be made except on the recommendation of the President. State legislature Article 203 (3): No demand for a grant shall be made except on the recommendation of the Governor. Therefore option B (2 only) is the correct answer.
26	Who of the following is the author of the books "The India Way" and "Why Bharat Matters"? (a) Bhupender Yadav (b) Nalin Mehta (c) Shashi Tharoor (d) Subrahmanyam Jaishankar	Current Affairs/Miscellaneous		Current Affairs	Fundamental	Easy	Newspaper	D	"The India Way" and "Why Bharat Matters" have been authored by Dr. Subrahmanyam Jaishankar, Union Minister of External Affairs.
27	Consider the following pairs	Current Affairs/Miscellaneous		Current Affairs	Fundamental	Easy	Newspaper	B	First pair is correctly matched: The 2001–02 crisis was the equivalent of the Great Depression for Argentina, with output falling by around 20 percent. The crisis included a

	<table><tr><th></th><th>Country</th><th>Reason for being in the news</th></tr><tr><td>1.</td><td>Argentina</td><td>Worst economic crisis</td></tr><tr><td>2.</td><td>Sudan</td><td>War between the country's regular army and paramilitary forces</td></tr><tr><td>3.</td><td>Turkey</td><td>Rescinded its membership of NATO</td></tr></table> <p>How many of the pairs given above are correctly matched ?</p> <p>(a) Only one pair (b) Only two pairs (c) All three pairs (d) None of the pairs</p>		Country	Reason for being in the news	1.	Argentina	Worst economic crisis	2.	Sudan	War between the country's regular army and paramilitary forces	3.	Turkey	Rescinded its membership of NATO	scellaneo us							<p>sovereign debt default, bank runs that forced the government to introduce a corralito (restrictions on the withdrawal of funds), and deep social unrest.</p> <p>Second pair is correctly matched: In April 2023, fighting between rival armed factions broke out in the Sudanese capital of Khartoum, raising fears of a return to full-scale civil war. The conflict is primarily a power struggle between the leaders of the Sudanese Armed Forces (SAF) and a powerful paramilitary group known as the Rapid Support Forces (RSF).</p> <p>Third pair is not correct: Turkey is one of the 32 members of NATO.</p>
	Country	Reason for being in the news																			
1.	Argentina	Worst economic crisis																			
2.	Sudan	War between the country's regular army and paramilitary forces																			
3.	Turkey	Rescinded its membership of NATO																			
28	<p>Consider the following statements:</p> <p>Statement-I : Sumed pipeline is a strategic route for Persian Gulf oil and natural gas shipments to Europe</p> <p>Statement-II : Sumed pipelinge connects the Red Sea with the Mediterranean Sea.</p> <p>Which one of the following is correct in respect of the above statements?</p> <p>(a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I (c) Statement-I is correct, but Statement-II is incorrect</p>	Current Affairs/Mi scellaneo us	Current Affairs	Unconven tional	Hard	Newspa per	A		<p>Statement 1 is correct: The Suez Canal, the SUMED pipeline, and the Bab el-Mandeb Strait are strategic routes for Persian Gulf oil and natural gas shipments to Europe and North America. Total oil shipments via these routes accounted for about 12% of total seaborne-traded oil in the first half of 2023, and liquefied natural gas (LNG) shipments accounted for about 8% of worldwide LNG trade.</p> <p>Statement 2 is correct: The Suez Canal and SUMED pipeline are located in Egypt and connect the Red Sea with the Mediterranean Sea.</p>												

	(d) Statement-I is incorrect, but Statement-II is correct								
29	<p>Consider the following statements</p> <p>1. The Red Sea receives very little precipitation in any form</p> <p>2. No water enters the Red Sea from rivers</p> <p>Which of the statements given above is/are correct?</p> <p>(a) 1 only</p> <p>(b) 2 only</p> <p>(c) Both 1 and 2</p> <p>(d) Neither I nor 2</p>	Indian and World Geography	Oceanography	Static	Fundamental	Medium	Standard Book	C	<p>Statement 1 is correct: The Red Sea receives very little rainfall. precipitation in any form like rain, mist etc.</p> <p>Statement 2 is correct No major rivers drain into the Red Sea. The Red Sea is located in a region that is primarily arid and desert-like, which means there are very few significant river systems. The rivers that do exist in the surrounding regions, such as the Nile, do not flow into the Red Sea. Instead, the Nile flows northwards into the Mediterranean Sea. The absence of major rivers contributes to the Red Sea's high salinity levels.</p>
30	<p>According to the Environmental Protection Agency (EPA), which one of the following is the largest SOURCE of sulphur dioxide emissions ?</p> <p>(a) Locomotives using fossil fuels</p> <p>(b) Ships using fossil fuels</p> <p>(c) Extraction of metals from ores</p> <p>(d) Power plants using fossil fuels</p>	Environment & Ecology	Environmental Pollution	Static	Fundamental	Easy	NCERT	D	<p>According to EPA, the largest sources of SO₂ emissions are from fossil fuel combustion at power plants (73%) and other industrial facilities (20%). India is the largest emitter of sulphur dioxide (SO₂) in the world, contributing more than 15 per cent of global anthropogenic emissions, according to a new report by Greenpeace released on August 19, 2019. The primary reason for India's high emission output is the expansion of coal-based electricity generation over the past decade. Other sources of emission of SO₂ include industrial processes such as extracting metal from ore, natural sources such as volcanoes, and locomotives, ships and other vehicles and heavy equipment that burn fuel with high sulphur content.</p> <p>The study found the thermal power plants or clusters at Singrauli, Neyveli, Talcher, Jharsuguda, Korba, Kutch, Chennai, Ramagundam, Chandrapur, and Koradi to be the major emission hotspots in India. The vast majority of plants in India lack flue-gas desulfurisation (FGD) technology to reduce air pollution, according to the report.</p>
31	<p>Consider the following statements</p> <p>Statement I</p> <p>If the United States of America (USA) were to Bonds default will</p>	Economic & Social Development	Financial Market	Static	Applied	Medium	Standard Book	A	<p>Statement 1 is correct: Sovereign default occurs when a sovereign entity or state is unable to pay back the principal and interest owed to creditors. The immediate impact of sovereign default to creditors is the loss of the principal amount loaned to the government and the interest owed on the debt.</p>

	<p>on its debt, holders of US Treasury not be able to exercise their claims to receive payment</p> <p>Statement II</p> <p>The USA Government debt is not backed by any hard assets, but only by the faith of the Government</p> <p>Which one of the following is correct in respect of the above statements ?</p> <p>(a) Both Statement-I and Statement-II are correct and Statement-II Statement-I</p> <p>(b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-</p> <p>(c) Statement-I is correct, but Statement-II is incorrect</p> <p>(d) Statement-I is incorrect, but Statement-II is correct</p>								<p>Statement 2 is correct: Treasury bonds (T-bonds) are government debt securities issued by the U.S. Federal government that have maturities of 20 or 30 years. Treasury bonds are part of the larger category of U.S. sovereign debt known collectively as Treasuries, which are typically regarded as virtually risk-free since they are backed by the U.S. government's ability to tax its citizens. The other reasons include economic strength of the U.S. , its historical track record in honoring its debts and the perception of stability and reliability in U.S. financial markets. Therefore, option (a) is the correct answer.</p>
32	<p>Consider the following statements :</p> <p>Statement-I:</p> <p>Syndicated lending spreads the risk of borrower default across multiple lenders</p> <p>Statement-II :</p> <p>The syndicated loan can be a fixed amount1ump sum of funds, but cannot be a credit line.</p> <p>Which one of the following is correct in respect of the above statements ?</p> <p>(a) Both Statement-I and Statement-II are correct and Statement-II explains</p>	Economic & Social Development	Financial Market	Static	Unconventional	Medium	Standard Book	C	<p>Statement I is correct: The main goal of syndicated lending is to spread the risk of a borrower default across multiple lenders or banks, or institutional investors, such as pension funds and hedge funds.</p> <p>Statement II is not correct: The loan can involve a fixed amount of funds, a credit line, or a combination of the two. Therefore, option (c) is the correct answer.</p>

	Statement-I (b) Both Statement-I and Statement-II are not correct, but Statement-II does explain Statement-I (c) Statement-I is correct, but Statement-II is incorrect (d) Statement-I is incorrect, but Statement-II is correct							
33	Consider the following statements in respect of the digital rupee: 1. It is a sovereign currency issued by the Reserve Bank of India (RBI) in alignment with its monetary policy 2. It appears as a liability on the RBI's balance sheet 3. It is insured against inflation by its very design 4. It is freely convertible against commercial bank money and cash. Which of the statements given above are correct ? (a) 1 and 2 only (b) 1 and 3 only (c) 2 and 4 only (d) 1, 2 and 4	Economic & Social Development	Banking in India	Current Affairs	Applied	Medium	Newspaper	D
34	With reference to ancient India, Gautama Buddha was generally known by which of the following epithets ? 1. Nayaputta 2. Shakyamuni 3. Tathagata Select the correct answer using the code given below :	Ancient History	Jainism and Buddhism	Static	Fundamental	Medium	Standard Book	B

	(a) 1 only (b) 2 and 3 only (c) 1,2 and 3 (d) None of the above are epithets of Gautama Buddha																							
35	<p>Consider the following information:</p> <table><tr><th>Archaeological Site</th><th>State</th><th>Description</th></tr><tr><td>1. Chandraketugarh</td><td>Odisha</td><td>Trading Port town</td></tr><tr><td>2. Inamgaon</td><td>Maharashtra</td><td>Chalcolithic site ✓</td></tr><tr><td>3. Mangadu</td><td>Kerala</td><td>Megalithic site</td></tr><tr><td>4. Salihundam</td><td>Andhra Pradesh</td><td>Rock-cut cave shrines</td></tr></table> <p>In which of the above rows is the given information correctly matched ? (a) 1 and 2 (b) 2 and 3 (c) 3 and 4 (d) 1 and 4</p>	Archaeological Site	State	Description	1. Chandraketugarh	Odisha	Trading Port town	2. Inamgaon	Maharashtra	Chalcolithic site ✓	3. Mangadu	Kerala	Megalithic site	4. Salihundam	Andhra Pradesh	Rock-cut cave shrines	Ancient History	Miscellaneous	Static	Fundamental	Medium	NCERT	B	<p>Only Row 2 and 3 are correctly matched Row 1 is not correctly matched: Chandraketugarh is in West Bengal Row 4 is not correctly matched: Salihundam is not a rock cut cave shrine. Hence, option (b) is the correct answer.</p>
Archaeological Site	State	Description																						
1. Chandraketugarh	Odisha	Trading Port town																						
2. Inamgaon	Maharashtra	Chalcolithic site ✓																						
3. Mangadu	Kerala	Megalithic site																						
4. Salihundam	Andhra Pradesh	Rock-cut cave shrines																						
36	<p>Who of the following rulers of medieval India site gave permission to the Portuguese to build a fort at Bhatkal? (a) Krishnadevaraya (b) Narasimha Saluva (c) Muhammad Shah II (d) Yusuf Adil Shah</p>	Medieval History	Vijayanagar Empire	Static	Fundamental	Medium	Misc	A	<p>Option a is correct: In 1510, the Portuguese governor Alfonso de Albuquerque solicited Krishnadevaraya's permissions to build a fort at Bhatkal, which was granted after the Portuguese had captured Goa from Muslims. Hence, option (a) is the correct answer.</p>															
37	With reference to revenue collection by Cornwallis, consider the following statements	Modern History	British Administration	Static	Fundamental	Medium	NCERT	B	<p>Statement 1 is not correct: Ryotwari Settlement was introduced by Thomas Munro and Alexander Read in the early 19th century. It involved direct payment of taxes by</p>															

	<p>1. Under the Ryotwari Settlement of revenue collection, the peasants were exempted from revenue payment in case of bad harvests or natural calamities</p> <p>2. Under the Permanent Settlement in Bengal, if the Zamindar failed to pay his revenues to the state, on or before the fixed date, he would be removed from his Zamindari</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>		before 1857						<p>the peasants to the government and did not exempt them from payment during bad harvests or natural calamities.</p> <p>Statement 2 is correct: The Permanent Settlement, introduced by Cornwallis in 1793, was an agreement where revenue was fixed permanently.</p> <p>If the Zamindar failed to pay the fixed revenue by the due date, he would lose his rights to the land. Hence, option (b) is the correct answer.</p>
38	<p>Consider the following statements :</p> <p>1. There are no parables in Upanishads</p> <p>2. Upanishads were composed earlier than the Puranas.</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>	Art & Culture	Languages & Literature in India	Static	Fundamental	Easy	Standard Book	B	<p>Statement 1 is not correct: The Upanishads focus on ritualistic worship and on knowledge of Brahman. It consists of parables.</p> <p>Statement 2 is correct: The Upanishads are considered to be late Vedic and post-Vedic Sanskrit texts of 8th and 4th centuries BCE. The Puranas, on the other hand, are believed to have been composed later, with the earliest Puranas dating back to the 4th or 5th century CE.</p>
39	<p>Consider the following statements</p> <p>1. India is a member of the International Grains Council.</p> <p>2. A country needs to be a member of the International</p>	Current Affairs/Miscellaneous		Current Affairs	Applied	Easy	Newspaper	A	<p>Statement 1 is correct: India is a member of the International Grains Council (IGC).</p> <p>Statement 2 is not correct: It is not mandatory to be member of IGC to export and import wheat and rice.</p> <p>Hence, option (a) is the correct answer.</p>

	Grains Council for exporting or importing rice and wheat Which of the statements given above isare correct? (a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2								
40	Which one of the following was the latest inclusion in the Intangible Cultural Heritage List of UNESCO ? (a) Chhau dance (b) Durga puja (c) Garba dance (d) Kumbh mela	Art & Culture	Miscellaneous	Current Affairs	Fundamental	Easy	Newspaper	C	UNESCO has added Gujarati folk dance ' Garba ' on its Representative List of the Intangible Cultural Heritage of Humanity. It is India's 15th inscription on the List, joining a group of more than 700 that includes yoga, calligraphy and pizza-making, among others. Hence, option (c) is the correct answer.

41	<p>Consider the following statements :</p> <p>Statement-I : There is instability and worsening security situation in the Sahel region</p> <p>Statement-II : There have been military takeovers/coups in several countries of the Sahel region in the recent past Which one of the following is correct in respect of the above statements?</p> <p>(a) Both Statement-I and Statement-II are Correct and Statement-II explains Statement-I</p> <p>(b) Both Statement-I And Statement-II are correct, but Statement-II does not explain Statement-I</p> <p>(c) Statement-I is correct, but Statement-II is incorrect</p> <p>(d) Statement-I is incorrect, but Statement-II is correct</p>	Current Affairs/Miscellaneous		Current Affairs	Applied	Medium	Newspaper	A	<p>Both statements are correct and statement 2 correctly explains statement 1: The Sahel region is a vast area of semi-arid land that stretches from the Atlantic Ocean to the Red Sea, along the southern rim of the Sahara Desert. Sahel region includes several countries, including. Benin, Burkina Faso, Cape Verde, Côte d'Ivoire, Gambia, Ghana, Guinea, Guinea-Bissau, Liberia, Mali etc.</p> <p>Chad: A military coup took place in April 2021.</p> <p>Mali: Colonel Assimi Goïta seized power in a coup on May 24, 2021.</p> <p>Burkina Faso: A military coup took place in January 2022.</p> <p>Guinea: A military coup occurred in September 2021.</p> <p>The Sahel region has become a hotspot for terrorist activities, and the political instability has created an environment conducive to the spread of terrorism.</p> <p>Hence, Hence, option (a) is the correct answer.</p>
42	<p>Consider the following statements:</p> <p>Statement-I: India does not import apples from the United States of America.</p>	Current Affairs/Miscellaneous		Current Affairs	Unconventional	Hard	Newspaper	D	<p>Statement 1 is not correct: India imports apples from USA. After India removed "retaliatory import duty" on US apples in September 2023, imports of American apples have surged 40 times in three months.</p>

	<p>Statement-II: In India, the law prohibits the import of Genetically Modified food without the approval of the competent authority.</p> <p>Which one of the following is correct in respect of the above statements?</p> <p>(a) Both Statement-I and Statement-II are correct, and Statement-II explains Statement-I</p> <p>(b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I</p> <p>(c) Statement-I is correct, but Statement-II is incorrect</p> <p>(d) Statement-I is incorrect, but Statement-II is correct</p>								<p>Statement 2 is correct: Import of any genetically engineered organisms or cells (which includes GM food) requires the approval of the Genetic Engineering Approval Committee (GEAC), which is the competent authority under the Rules 1989. Hence, option (d) is the correct answer.</p>
43	<p>With reference to the Speaker of the Lok Sabha, consider the following statements: While any resolution for the removal of the Speaker of the Lok Sabha is under consideration:</p> <p>1. He/She shall not preside.</p> <p>2. He/She shall not have the right to speak.</p> <p>3. He/She shall not be entitled to vote on the resolution in the first instance.</p> <p>Which of the statements given above is/are correct?</p> <p>(a) 1 only</p> <p>(b) 1 and 2 only</p> <p>(c) 2 and 3 only</p> <p>(d) 1, 2, and 3</p>	Polity & Governance	Parliament & State Legislature	Static	Fundamental	Easy	Standard Book	A	<p>Only statement 1 is correct:</p> <p>Speaker of Lok Sabha:</p> <p>When resolution for removal of Speaker is under consideration:</p> <p>1. He/she cannot preside at the sitting of the House, though he/she may be present. Hence, statement 1 is correct)</p> <p>2. However, he/she can speak and take part in the proceedings of the House at such a time and vote in the first instance, though not in the case of an equality of votes. Hence, statements 2 and 3 are not correct. Thus, option (a) is the correct answer.</p>

44	<p>With reference to the Indian Parliament, consider the following statements:</p> <p>1. A bill pending in the Lok Sabha lapses on its dissolution.</p> <p>2. A bill passed by the Lok Sabha and pending in the Rajya Sabha lapses on the dissolution of the Lok Sabha.</p> <p>3. A bill in regard to which the President of India notified his/her intention to summon the Houses to a joint sitting lapses on the dissolution of the Lok Sabha.</p> <p>Which of the statements given above is/are correct?</p> <p>(a) 1 only (b) 1 and 2 (c) 2 and 3 (d) 3 only</p>	Polity & Governance	Parliament & State Legislature	Static	Fundamental	Medium	Standard Book	B	<p>Statement 1 is correct: A bill pending in the Lok Sabha lapses on its dissolution.</p> <p>Statement 2 is correct: A bill passed by the Lok Sabha and pending in the Rajya Sabha lapses on the dissolution of the Lok Sabha.</p> <p>Statement 3 is not correct: A bill in regard to which the President of India notified his/her intention to summon the Houses to a joint sitting would not lapse on the dissolution of the Lok Sabha as per Article 108 of the constitution.</p> <p>Hence, option (b) is the correct answer.</p>
45	<p>With reference to the Parliament of India, consider the following statements:</p> <p>1. Prorogation of a House by the President of India does not require the advice of the Council of Ministers.</p> <p>2. Prorogation of a House is generally done after the House is adjourned sine die, but there is no bar to the President of India prorogating the House which is in session.</p> <p>3. Dissolution of the Lok Sabha is done by the President of India, who, save in exceptional circumstances, does so on the advice of the Council of Ministers.</p>	Polity & Governance	Parliament & State Legislature	Static	Applied	Medium	Standard Book	C	<p>Statement 1 is not correct: Termination of a session of the House by an order made by the President under article 85(2) is called 'prorogation'. The President in exercising the power to prorogue the House acts on the advice of the Prime Minister. Usually, prorogation follows the adjournment of the sitting of the House sine die.</p> <p>Hence, option (c) is the correct answer.</p>

	Which of the statements given above is/are correct? (a) 1 only (b) 1 and 2 (c) 2 and 3 (d) 3 only								
46	Consider the following statements: Statement-I: The European Parliament approved The Net-Zero Industry Act recently. Statement-II: The European Union intends to achieve carbon neutrality by 2040 and therefore aims to develop all of its own clean technology by that time. Which one of the following is correct in respect of the above statements? (a) Both Statement-I and Statement-II are correct, and Statement-II explains Statement-I (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I (c) Statement-I is correct, but Statement-II is incorrect (d) Statement-I is incorrect, but Statement-II is correct	Current Affairs/Miscellaneous		Current Affairs	Applied	Medium	Newspaper	C	Statement 1 is correct: The European Parliament approved The Net-Zero Industry Act recently. Statement 2 is not correct: The European Union (EU) has set a target to achieve carbon neutrality by 2050 , not by 2040. The EU promotes the development and deployment of clean technologies through various policies and funding mechanisms, but these technologies (through international collaborations and partnerships with both EU and non-EU countries). Hence, option (c) is the correct answer.
47	Consider the following statements: Statement-I: Recently, Venezuela has achieved a rapid recovery from its economic crisis and succeeded in preventing its people from fleeing/emigrating to other countries.	Current Affairs/Miscellaneous		Current Affairs	Applied	Medium	Newspaper	D	Statement 1 is not correct: The outflow of refugees and migrants from Venezuela is the largest displacement crisis in the world, with almost 7.7 million migrants and refugees as of August 2023. Statement 2 is correct: Venezuela is currently the country with the largest proven oil reserves in the world, with an estimated 300 billion barrels of oil. However, despite having such significant oil reserves, Venezuela has been struggling

	<p>Statement-II: Venezuela has the world's largest oil reserves. Which one of the following is correct in respect of the above statements?</p> <p>(a) Both Statement-I and Statement-II are correct, and Statement-II explains Statement-I</p> <p>(b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I</p> <p>(c) Statement-I is correct, but Statement-II is incorrect</p> <p>(d) Statement-I is incorrect, but Statement-II is correct</p>								to exploit its oil resources fully. Hence, option (d) is the correct answer.
48	<p>With reference to the Digital India Land Records Modernisation Programme, consider the following statements:</p> <p>1. To implement the scheme, the Central Government provides 100% funding.</p> <p>2. Under the Scheme, Cadastral Maps are digitised.</p> <p>3. An initiative has been undertaken to transliterate the Records of Rights from local language to any of the languages recognized by the Constitution of India.</p> <p>Which of the statements given above are correct?</p> <p>(a) 1 and 2 only</p> <p>(b) 2 and 3 only</p> <p>(c) 1 and 3 only</p> <p>(d) 1, 2, and 3</p>	Economic & Social Development	Planning in India	Current Affairs	Applied	Medium	Newspaper	D	<p>Statement 1 is correct: Digital India Land Records Modernization Programme (DILRMP) Digital India Land Records Modernization Programme (erstwhile National Land Record Modernization Programme-) was revamped and converted as a Central Sector Scheme with effect from 1st April, 2016 with 100% funding by the Centre. The objective of DILRMP is to develop a modern, comprehensive and transparent land record management system with the aim to develop an Integrated Land Information Management System which will inter alia: (i) improve real-time information on land; (ii) optimize use of land resources; (iii) benefit both landowners & prospectors; (iv) assist in policy & planning; (v) reduce land disputes; (vi) check fraudulent/benami transactions (vii) obviate need of physical visits to Revenue/Registration offices (viii) enable sharing of information with various organisations/agencies.</p> <p>Statement 2 is correct: Substantial progress has been achieved under the DILRMP Programme. In terms of basic components, Computerization of Land Records i.e. 95.08 per cent Record of Rights (RoR) have been completed (6,25,062 villages out of total 6,57,396 villages in the</p>

								country), 68.02 percent Cadastral Maps have been digitized (2,49,57,221 maps out of total 3,66,92,728 maps) Statement 3 is correct: Transliteration of Land Records in all languages of Schedule VIII in all States/UTs. Currently, the Records of Rights in States and Union Territories are maintained in local languages. In order to address the problem of linguistic barriers in land governance, the Government with the technical support of Centre for Development of Advanced Computing (C-DAC) Pune, has undertaken an initiative to transliterate the Records of Rights available in local language to any of the 22 Schedule VIII languages of the Constitution. Pilot test is underway in 8 States - Bihar, Maharashtra, Gujarat, Puducherry, Uttar Pradesh, Tamil Nādu, Tripura and UT of Jammu & Kashmir. Hence, option (d) is the correct answer.
49	With reference to the 'Pradhan Mantri Surakshit Matritva Abhiyan', consider the following statements: 1. This scheme guarantees a minimum package of antenatal care services to women in their second and third trimesters of pregnancy and six months post-delivery health care service in any government health facility. 2. Under this scheme, private sector health care providers of certain specialities can volunteer to provide services at nearby government health facilities. Which of the statements given above is/are correct? (a) 1 only (b) 2 only (c) Both 1 and 2	Economic & Social Development	Socio-Economic Schemes	Current Affairs	Applied	Medium	Newspaper	B Pradhan Mantri Surakshit Matritva Abhiyan: (PMSMA): Launched in 2016, it provides pregnant women fixed day, free of cost assured and quality Antenatal Care on the 9th day of every month. Under PMSMA, all pregnant women are provided services including drugs, laboratory investigations, ultrasound, and antenatal check-up. Also, PMSMA guarantees a minimum package of antenatal care services to women in their 2nd / 3rd trimesters of pregnancy at designated government health facilities. Pradhan Mantri Surakshit Matritva Abhiyan envisages to improve the quality and coverage of Antenatal Care (ANC), Diagnostics and Counselling services as part of the Reproductive Maternal Neonatal Child and Adolescent Health (RMNCH+A) Strategy. So, post delivery services are not included (Hence, statement 1 is incorrect). Thus, option (b) is the correct answer. Statement 2 is correct: The programme follows a systematic approach for engagement with private sector which includes motivating private practitioners to volunteer for the campaign developing strategies for generating

	(d) Neither 1 nor 2								awareness and appealing to the private sector to participate in the Abhiyan at government health facilities. Rationale for the program.
50	<p>With reference to the Pradhan Mantri Shram Yogi Maan-dhan (PM-SYM) Yojana, consider the following statements:</p> <p>1. The entry age group for enrolment in the scheme is 21 to 40 years. Age specific contribution shall be made by the beneficiary.</p> <p>2. Each subscriber under the scheme shall receive a minimum pension of ₹3000 per month after attaining the age of 60 years.</p> <p>3. Family pension is applicable to the spouse and unmarried daughters.</p> <p>Which of the statements given above is/are correct?</p> <p>(a) 1, 3, and 4 (b) 2 and 3 only (c) 2 only (d) 1, 2, and 4</p>	Economic & Social Development	Socio-Economic Schemes	Current Affairs	Applied	Medium	Newspaper	B	<p>PM- Shram Yogi maan-dhan Yojana:</p> <p>1. Government of India has introduced a pension scheme for unorganized workers namely Pradhan Mantri Shram Yogi Maan-dhan (PM-SYM) to ensure old age protection for Unorganized Workers.</p> <p>2. It is a voluntary and contributory pension scheme under which the beneficiary would receive a minimum assured pension of Rs 3000/- per month after attaining the age of 60 years (statement 3 is correct) and if the beneficiary dies, the spouse of the beneficiary shall be entitled to receive 50% of the pension as family pension. (only spouse, not unmarried daughter. Hence, statement 4 is not correct.</p> <p>3. Age: 18-40. Hence, statement 1 is not correct. Thus, option (b) is the correct answer.</p>
51	<p>Consider the following statements:</p> <p>Statement-I: The atmosphere is heated more by incoming solar radiation than by terrestrial radiation.</p> <p>Statement-II: Carbon dioxide and other greenhouse gases in the atmosphere are good absorbers of long wave radiation.</p> <p>Which one of the following is correct in respect of the above statements?</p>	Indian and World Geography	Climatology	Static	Fundamental	Easy	NCERT	D	<p>Statement 1 is not correct: The atmosphere is heated more by terrestrial radiation than by incoming solar radiation. This is because the Earth's surface absorbs solar radiation and emits terrestrial radiation, which is absorbed by atmospheric gases.</p> <p>Statement 2 is correct: The long wave radiation is absorbed by the atmospheric gases particularly by carbon dioxide and the other greenhouse gases. Thus, the atmosphere is indirectly heated by the earth's radiation. Hence, option (d) is the correct answer.</p>

	(a) Both Statement-I and Statement-II are correct, and Statement-II explains Statement-I (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I (c) Statement-I is correct, but Statement-II is incorrect (d) Statement-I is incorrect, but Statement-II is correct								
52	Consider the following statements: Statement-I: Thickness of the troposphere at the equator is much greater as compared to poles. Statement-II: At the equator, heat is transported to great heights by strong convectional currents. Which one of the following is correct in respect of the above statements? (a) Both Statement-I and Statement-II are correct, and Statement-II explains Statement-I (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I (c) Statement-I is correct, but Statement-II is incorrect (d) Statement-I is incorrect, but Statement-II is correct	Indian and World Geography	Climatology	Static	Fundamental	Easy	NCERT	A	Both Statement-I and Statement-II are correct and Statement-II explains Statement-I: Thickness of the troposphere is greatest at the equator because heat is transported to great heights by strong convectional currents.
53	Consider the following: 1. Pyroclastic debris 2. Ash and dust 3. Nitrogen compounds 4. Sulphur compounds	Indian and World Geography	Geomorphology	Static	Fundamental	Easy	NCERT	D	All the statements are correct: The material in the upper mantle portion is called magma which is referred to as lava. The material that reaches the ground includes lava flows, pyroclastic debris, volcanic bombs, ash and dust and gases such as nitrogen compounds, sulphur

	How many of the above are products of volcanic eruptions? (a) Only one (b) Only two (c) Only three (d) All four								compounds and minor amounts of chlorene, hydrogen and argon.
54	Which of the following is/are correct inferences from isothermal maps in the month of January? 1. The isotherms deviate to the north over the ocean and to the south over the continent. 2. The presence of cold ocean currents like Gulf Stream and North Atlantic Drift make the North Atlantic Ocean colder and the isotherms bend towards the north. Select the answer using the code given below: (a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2	Indian and World Geography	Oceanography	Static	Fundamental	Easy	NCERT	A	Statement 1 is correct: In January the isotherms deviate to the north over the ocean and to the south over the continent. Statement 2 is not correct: The presence of warm ocean currents , Gulf Stream and North Atlantic drift, make the Northern Atlantic Ocean warmer and the isotherms show a poleward shift indicating that the oceans are warmer and are able to carry high temperatures poleward.
55	Which of the following countries are well-known as the two largest cocoa producers in the world? (a) Algeria and Morocco (b) Botswana and Namibia (c) Cote d'Ivoire and Ghana (d) Madagascar and Mozambique	Indian and World Geography	Agriculture	Static	Fundamental	Easy	Misc	C	West Africa is the world's largest producer of cocoa – in fact, around 80 percent of the chocolate consumed in the United States is made from cocoa beans cultivated in Côte d'Ivoire, Ghana, Nigeria, or Cameroon .
56	With reference to the Himalayan rivers joining the Ganga downstream of Prayagraj from West to East, which one of the following sequences is correct? (a) Ghaghara-Gomati-Gandak-Kosi	Indian and World Geography	Mapping	Static	Fundamental	Easy	NCERT	B	Major left-bank tributaries of River Ganga from West to East- GOMATI- GHAGHRA- GANDAK - KOSI. Hence, option (b) is the correct answer.

	(b) Gomati-Ghaghara-Gandak-Kosi (c) Ghaghara-Gomati-Kosi-Gandak (d) Gomati-Ghaghara-Kosi-Gandak								
57	<p>Consider the following statements:</p> <p>Statement-I: Rainfall is one of the reasons for weathering of rocks.</p> <p>Statement-II: Rain water contains carbon dioxide in solution.</p> <p>Statement-III: Rain water contains atmospheric oxygen.</p> <p>Which one of the following is correct in respect of the above statements?</p> <p>(a) Both Statement-II and Statement-III are correct, and both of them explain Statement-I</p> <p>(b) Both Statement-II and Statement-III are correct, but only one of them explains Statement-I</p> <p>(c) Only one of the Statements II and III is correct and that explains Statement-I</p> <p>(d) Neither Statement-II nor Statement-III is correct</p>	Indian and World Geography	Climatology	Static	Applied	Medium	NCERT	A	<p>Statement I is correct: Chemical weathering describes the process of chemicals in rainwater making changes to the minerals in a rock. Carbon dioxide from the air is dissolved in rainwater, making it slightly acidic. A reaction can occur when the rainwater comes into contact with minerals in the rock, causing weathering.</p> <p>Statement II and Statement III are correct and both of them explain Statement- I : Rainwater can absorb gases such as carbon dioxide, oxygen, nitrogen dioxide, and sulfur dioxide from the atmosphere and can weather rocks by way of chemical action due to carbonic acid and oxidation due to oxygen Hence, option (a) is the correct answer.</p>
58	<p>Consider the following countries:</p> <ol style="list-style-type: none"> Finland Germany Norway Russia <p>How many of the above countries have a border with the North Sea?</p> <p>(a) Only one</p> <p>(b) Only two</p> <p>(c) Only three</p>	Indian and World Geography	Mapping	Static	Fundamental	Easy	Newspaper	B	<p>The North Sea lies between Great Britain, Denmark, Norway, Germany, the Netherlands, Belgium and France.</p> <p>Hence, option (b) is the correct answer.</p>

	(d) All four																												
59	<p>Consider the following information:</p> <table><tr><td></td><td>Waterfall</td><td>Region</td><td>River</td></tr><tr><td>1.</td><td>Dhuandhar</td><td>Malwa</td><td>Narmada</td></tr><tr><td>2.</td><td>Hundru</td><td>Chota Nagpur</td><td>Subarnarekha</td></tr><tr><td>3.</td><td>Gersoppa</td><td>Western Ghats</td><td>Netravati</td></tr></table> <p>In how many of the above rows is the given information correctly matched?</p> <p>(a) Only one (b) Only two (c) All three (d) None</p>		Waterfall	Region	River	1.	Dhuandhar	Malwa	Narmada	2.	Hundru	Chota Nagpur	Subarnarekha	3.	Gersoppa	Western Ghats	Netravati	Indian and World Geography	Mapping	Static	Applied	Hard	Misc	B	<p>Row 1 Doubtful- Dhuandhar Falls is located on the Narmada River but region is not clear.</p> <p>Row 2 is correctly matched - Hundru Falls Ranchi (Chotangpur region) is created on the course of the Subarnarekha River.</p> <p>Row 3 is not correct matched - Jog Falls (Karnataka), also known by alternative names Gersoppa Falls and Jogada Gundi, is located on sharavati river.</p>				
	Waterfall	Region	River																										
1.	Dhuandhar	Malwa	Narmada																										
2.	Hundru	Chota Nagpur	Subarnarekha																										
3.	Gersoppa	Western Ghats	Netravati																										
60	<p>Consider the following information:</p> <table><tr><td></td><td>Region</td><td>Name of the mountain range</td><td>Type of mountain</td></tr><tr><td>1.</td><td>Central Asia</td><td>Vosges</td><td>Fold mountain</td></tr><tr><td>2.</td><td>Europe</td><td>Alps</td><td>Block mountain</td></tr><tr><td>3.</td><td>North America</td><td>Appalachians</td><td>Fold mountain</td></tr><tr><td>4.</td><td>South America</td><td>Andes</td><td>Fold mountain</td></tr></table> <p>In how many of the above rows is the given information correctly matched?</p> <p>(a) Only one (b) Only two (c) Only three (d) All four</p>		Region	Name of the mountain range	Type of mountain	1.	Central Asia	Vosges	Fold mountain	2.	Europe	Alps	Block mountain	3.	North America	Appalachians	Fold mountain	4.	South America	Andes	Fold mountain	Indian and World Geography	Mapping	Static	Fundamental	Easy	Standard Book	B	<p>Pair 1 is not correct: Vosges is in France Euro</p> <p>Pair 2 is not correct: The Alps is in Europe but it is Fold Mountain</p> <p>Pair 3 is correct: Appalachians is Fold Mountain and it is in N. America</p> <p>Pair 4 is correct: Andes is in S America and it is Fold Mountain</p> <p>Hence, option (b) is the correct answer.</p>
	Region	Name of the mountain range	Type of mountain																										
1.	Central Asia	Vosges	Fold mountain																										
2.	Europe	Alps	Block mountain																										
3.	North America	Appalachians	Fold mountain																										
4.	South America	Andes	Fold mountain																										
61	<p>The organisms "Cicada, Froghopper, and Pond skater" are:</p> <p>(a) Birds (b) Fish</p>	Environment & Ecology	Biodiversity Basics	Current Affairs	Applied	Medium	Newspaper	C	<p>Cicadas, froghoppers, and pond skaters are insects in the order Hemiptera. Cicadas are known for their loud mating calls and long nymph stages underground. Froghoppers produce protective frothy spittle masses as</p>																				

	(c) Insects (d) Reptiles								nymphs, and pond skaters can walk on water surfaces due to surface tension. So, Option (c) is correct.
62	<p>Consider the following statements:</p> <p>Statement-I: Many chewing gums found in the market are considered a source of environmental pollution.</p> <p>Statement-II: Many chewing gums contain plastic as gum base.</p> <p>Which one of the following is correct in respect of the above statements?</p> <p>(a) Both Statement-I and Statement-II are correct, and Statement-II explains Statement-I</p> <p>(b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I</p> <p>(c) Statement-I is correct, but Statement-II is incorrect</p>	Environment & Ecology	Environmental Pollution	Current Affairs	Applied	Hard	Misc	A	<p>Statement-I is correct because chewing gums are often disposed of improperly, leading to littering and environmental pollution. Chewing gum waste can be found stuck to sidewalks, under tables, and in other public places, making it a significant source of pollution.</p> <p>Statement-II is correct because many modern chewing gums use a gum base that contains synthetic polymers, which are types of plastic. These plastics do not biodegrade easily and can persist in the environment for a long time. Statement-II explains Statement-I because the presence of plastic in the gum base contributes to the environmental persistence and pollution caused by chewing gum waste. The plastic content makes the chewing gum non-biodegradable, which is why it remains in the environment and causes pollution.</p>

	(d) Statement-I is incorrect, but Statement-II is correct																				
63	<p>Consider the following pairs:</p> <table><tr><th></th><th>Country</th><th>Animal found in its natural habitat</th></tr><tr><td>1.</td><td>Brazil</td><td>Indri</td></tr><tr><td>2.</td><td>Indonesia</td><td>Elk</td></tr><tr><td>3.</td><td>Madagascar</td><td>Bonobo</td></tr></table> <p>How many of the pairs given above are correctly matched?</p> <p>(a) Only one (b) Only two (c) All three (d) None</p>		Country	Animal found in its natural habitat	1.	Brazil	Indri	2.	Indonesia	Elk	3.	Madagascar	Bonobo	Environment & Ecology	Biodiversity Conservation	Current Affairs	Applied	Medium	Newspaper	D	<p>Answer: Option D is the Correct Answer</p> <p>Indri is found in Madagascar. So, Pair 1 is not correctly matched.</p> <p>Elk is found in North and Central America and parts of Asia, not Indonesia. So, Pair 2 is not correctly matched.</p> <p>Bonobo is found in the Democratic Republic of Congo, not Madagascar. So, Pair 3 is not correctly matched.</p>
	Country	Animal found in its natural habitat																			
1.	Brazil	Indri																			
2.	Indonesia	Elk																			
3.	Madagascar	Bonobo																			
64	<p>Consider the following statements regarding World Toilet Organization:</p> <p>1. It is one of the agencies of the United Nations.</p> <p>2. World Toilet Summit, World Toilet Day, and World Toilet College are the initiatives of this organization to inspire action to tackle the global sanitation crisis.</p> <p>3. The main focus of its function is to grant funds to the least developed countries and</p>	Current Affairs/Miscellaneous		Current Affairs	Applied	Medium	Newspaper	A	<p>Statement 1 is not correct: The World Toilet Organization (WTO) is a global non-profit organization, independent of the United Nations.</p> <p>Statement 2 is Correct: The World Toilet Summit, World Toilet Day, and World Toilet College are all initiatives created by the WTO to raise awareness and inspire solutions for the global sanitation crisis.</p> <p>Statement 3 is not correct: While the WTO works to improve sanitation globally, its main focus is not solely on granting funds. It employs a multi-pronged approach that includes advocacy, education, and promoting innovative sanitation solutions.</p>												

	developing countries to achieve the end of open defecation. Which of the statements given above is/are correct? (a) 2 only (b) 3 only (c) 1 and 2 (d) 2 and 3								
65	Consider the following statements: 1. Lions do not have a particular breeding season. 2. Unlike most other big cats, cheetahs do not roar. 3. Unlike male lions, male leopards do not proclaim their territory by scent marking. 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	Environment & Ecology	Biodiversity Basics	Current Affairs	Unconventional	Hard	Misc	A	<p>This statement 1 is correct : Lions can breed throughout the year, and they do not have a specific breeding season.</p> <p>This statement 2 is correct. : Cheetahs are unique among big cats in that they do not roar. Instead, they have a range of vocalizations such as purring, chirping, and hissing.</p> <p>This statement 3 is not correct : Male leopards, like many other big cats, do use scent marking to proclaim their territory. They often use urine, feces, and glandular secretions to mark their territory.</p> <p>Hence option D is correct</p>
66	Which one of the following is the correct description of "100 Million Farmers"?	Current Affairs/Mi		Current Affairs	Applied	Medium	Newspaper	A	<p>Option A is correct: 100 Million Farmers has bold objectives for accelerating the transition towards food and water systems that are net-zero, nature-positive, and that</p>

	<p>(a) It is a platform for accelerating the transition towards food and water systems that are net-zero (carbon), nature-positive, and that aims to increase farmer resilience.</p> <p>(b) It is an international alliance and a network of individuals and farming organizations interested in supporting and strengthening the development of organic animal husbandry.</p> <p>(c) It is a digital platform fully integrated with service providers and built on blockchain that lets buyers, sellers, and third parties trade fertilizers quickly and securely.</p> <p>(d) It is a platform with the mission of encouraging the farmers to form Farmer Product Organizations or Agribusiness Consortiums, thus facilitating access to global open markets to sell their products.</p>	scellaneo us							<p>increase farmer resilience. 100 Million Farmers is a platform supporting private and public leaders to position food and farmers as central pillars on the global climate and nature agenda, and accelerate collective action to scale climate-and nature-friendly agricultural practices.</p>
67	<p>Consider the following:</p> <ol style="list-style-type: none"> 1. Battery storage 2. Biomass generators 3. Fuel cells 4. Rooftop solar photovoltaic units <p>How many of the above are considered "Distributed Energy Resources"?</p> <ol style="list-style-type: none"> (a) Only one (b) Only two (c) Only three (d) All four 	Science & Technology	Miscella neous	Current Affairs	Applied	Medium	Newspa per	D	<p>Distributed Energy Resources (DERs) refer to small-scale units of local generation connected to the grid at distribution level. They are used to provide electricity close to the point of use and can include a variety of technologies.</p> <p>Battery Storage: This is a key component of distributed energy resources, allowing for the storage and distribution of energy generated from other DERs. So, Option 1 is correct.</p> <p>Biomass Generators: These generate energy from organic materials and are often used as a form of distributed generation. So, Option 2 is correct.</p>

									<p>Fuel Cells: These devices convert chemical energy from fuels into electricity and can be used in distributed energy systems.So, Option 3 is correct.</p> <p>Rooftop Solar Photovoltaic Units: These are a common type of distributed generation that converts sunlight directly into electricity at the point of use.So, Option 4 is correct. Therefore, Option (d) is correct answer.</p>
68	Which one of the following shows a unique relationship with an insect that has co-evolved with it and that is the only insect that can pollinate this tree? (a) Fig (b) Mahua (c) Sandalwood (d) Silk cotton	Environment & Ecology	Biodiversity Basics	Static	Fundamental	Easy	NCERT	A	<p>The fig tree has a unique relationship with the fig wasp, which is the only insect that can pollinate the fig. This is an example of coevolution, where the fig and the fig wasp have evolved together to create a mutualistic relationship. The fig wasp is responsible for pollinating the fig, and in return, the fig provides a protected site for the wasp to lay its eggs So, Option (a) is correct.</p>
69	Consider the following: 1. Butterflies 2. Fish 3. Frogs How many of the above have poisonous species among them? (a) Only one (b) Only two (c) All three (d) None	Environment & Ecology	Biodiversity Basics	Static	Fundamental	Medium	Misc	C	<p>Butterflies: Many species of butterflies are poisonous due to their diet of toxic plants. Examples include the Monarch butterfly, Pipevine Swallowtail, and Blue Tiger ButterflySo, Option 1 is correct..</p> <p>Fish: Some species of fish are poisonous, stingrays, lion fish, scorpion fish, stone fish, weever fish, and catfish.So, Option 2 is correct.</p> <p>Frogs: Poison dart frogs are well known for their toxicity, which they obtain from their diet of toxic insects and plants. These frogs are used by indigenous people to poison the tips of blowdarts.So, Option 3 is correct. Therefore, Option (c) is the correct answer.</p>
70	Consider the following: 1. Cashew 2. Papaya 3. Red sanders How many of the above trees are actually native to India? (a) Only one (b) Only two (c) All three (d) None	Environment & Ecology	Biodiversity Basics	Current Affairs	Fundamental	Medium	NCERT	A	<p>Cashew: Native to Brazil, but well adapted to Indian coastal areas.So, Option 1 is not correct.</p> <p>Papaya: Originated in South Mexico and Costa Rica, but widely cultivated in India.So, Option 2 is not correct.</p> <p>Red Sanders: Native to the Eastern Ghats of India.So, Option 3 is correct. Therefore, Option (a) is the correct answer.</p>

71	<p>Consider the following airports:</p> <ol style="list-style-type: none"> 1. Donyi Polo Airport 2. Kushinagar International Airport 3. Vijayawada International Airport <p>In the recent past, which of the above have been constructed as Greenfield projects?</p> <ol style="list-style-type: none"> (a) 1 and 2 only (b) 2 and 3 only (c) 1 and 3 only (d) 1, 2, and 3 	Indian and World Geography	Human Geography	Current Affairs	Fundamental	Medium	Newspaper	A	<p>Donyi Polo Airport: This airport is located in Itanagar, Arunachal Pradesh, and was operationalized in 2019 as a Greenfield airport project. Statement 1 is correct.</p> <p>Kushinagar International Airport: This airport is located in Kushinagar, Uttar Pradesh, and was operationalized in 2019 as a Greenfield airport project. Statement 2 is correct.</p> <p>Vijayawada International Airport: This airport is located in Vijayawada, Andhra Pradesh, and was not constructed as a Greenfield project. It was upgraded from a domestic airport to an international airport in 2019. Statement 3 is not correct.</p> <p>Therefore, only Donyi Polo Airport and Kushinagar International Airport were constructed as Greenfield projects. Therefore, Option (a) is the correct answer.</p>
72	<p>With reference to “water vapour”, which of the following statements is/are correct?</p> <ol style="list-style-type: none"> 1. It is a gas, the amount of which decreases with altitude. 2. Its percentage is maximum at the poles. <p>Select the answer using the code given below:</p> <ol style="list-style-type: none"> (a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2 	Indian and World Geography	Climatology	Static	Applied	Medium	NCERT	A	<p>Water vapor is a gas: Water vapor is indeed a gas, which is the gaseous phase of water. It is a component of the Earth's atmosphere and is responsible for many of the Earth's weather patterns. So, Option 1 is correct.</p> <p>The amount of water vapor decreases with altitude: Water vapor is less abundant at higher altitudes because it condenses and exits the atmosphere primarily in the troposphere, the lowest layer of the atmosphere. This is due to the decrease in temperature and pressure with altitude, which causes the water vapor to condense into liquid water.</p> <p>Water vapor concentrations are generally higher near the equator and over oceans, where evaporation is more significant, and lower over land and at higher latitudes. The statement that the percentage of water vapor is maximum at the poles is not correct. So, Option 2 is not correct. Therefore, Option (a) is correct.</p>
73	<p>Consider the following description:</p> <ol style="list-style-type: none"> 1. Annual and daily range of temperatures is low. 2. Precipitation occurs throughout the year. 	Indian and World Geography	Climatology	Static	Fundamental	Easy	NCERT	D	<p>Marine west coast climate is located poleward from the Mediterranean climate on the west coast of the continents.</p> <p>The main areas are:</p> <ul style="list-style-type: none"> Northwestern Europe West coast of North America (north of California) Southern Chile Southeastern Australia

	3. Precipitation varies between 50 cm-250 cm. What is this type of climate? (a) Equatorial climate (b) China type climate (c) Humid subtropical climate (d) Marine West coast climate								New Zealand Due to marine influence, the temperature is moderate and in winter it is warmer than for its latitude. The mean temperature in summer months ranges from 15°-20°C. The mean temperature in winter months ranges from 4°-10°C. The annual and daily ranges of temperature are small. Precipitation occurs throughout the year. Precipitation varies greatly from 50-250 cm. Therefore, Option (d) is the correct answer.
74	With reference to "Coriolis force", which of the following statements is/are correct? 1. It increases with an increase in wind velocity. 2. It is maximum at the poles and is absent at the equator. Select the answer using the code given below: (a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2	Indian and World Geography	Climatology	Static	Applied	Medium	NCERT	C	The Coriolis force is indeed affected by the velocity of the moving object (in this case, wind). The Coriolis force depends on both the speed of the object and the rotation speed of the Earth. Therefore, as the wind velocity increases, the deflection due to the Coriolis force also increases (Physics Stack Exchange) (National Geographic Society). So, Statement 1 is correct. The Coriolis force is indeed maximum at the poles and zero at the equator. This occurs because the Coriolis effect arises from the rotation of the Earth, which has a maximum impact on objects moving along the Earth's surface at higher latitudes (closer to the poles) and no impact at the equator (Encyclopedia Britannica) (National Geographic Society). So, Statement 2 is correct. Therefore, Option (c) is correct.
75	On June 21 every year, which of the following latitude(s) experience(s) a sunlight of more than 12 hours? 1. Equator 2. Tropic of Cancer 3. Tropic of Capricorn 4. Arctic Circle Select the correct answer using the code given below: (a) 1 only (b) 2 only (c) 3 and 4	Indian and World Geography	Climatology	Static	Fundamental	Easy	NCERT	D	The correct answer is (d) 2 and 4. On June 21, the summer solstice, the Arctic Circle experiences more than 12 hours of sunlight. This is because the Sun remains above the horizon for 24 hours at the Arctic Circle during the summer solstice, which is the longest day of the year. So, Option 4 is correct. The Tropic of Cancer also experiences more than 12 hours of sunlight on June 21. Although the Sun does not remain above the horizon for 24 hours at the Tropic of Cancer, the duration of daylight is still longer than 12 hours due to the tilt of the Earth and the position of the Sun at the summer solstice. So, Option 2 is correct.

	(d) 2 and 4								<p>The Equator and the Tropic of Capricorn do not experience more than 12 hours of sunlight on June 21. The Equator experiences approximately 12 hours of daylight and 12 hours of nighttime on the summer solstice, while the Tropic of Capricorn experiences less than 12 hours of daylight. So, Option 1 and 3 are correct. Therefore, Option (d) is correct.</p>
76	<p>One of the following regions has the world's largest tropical peatland, which holds about three years worth of global carbon emissions from fossil fuels; and the possible destruction of which can exert a detrimental effect on the global climate. Which one of the following denotes that region?</p> <p>(a) Amazon Basin (b) Congo Basin (c) Kikori Basin (d) Rio de la Plata Basin</p>	Environment & Ecology	Climate Change	Static	Fundamental	Medium	Newspaper	B	<p>The Congo Basin contains the world's largest tropical peatland, which has significant implications for global carbon emissions and climate change if destroyed. So, Option (b) is correct. Therefore, Option (b) is the correct answer.</p>
77	<p>With reference to perfluoroalkyl and polyfluoroalkyl substances (PFAS) that are used in making many consumer products, consider the following statements:</p> <p>1. PFAS are found to be widespread in drinking water,</p>	Environment & Ecology	Environmental Pollution	Current Affairs	Applied	Medium	Newspaper	D	<p>1. Widespread Presence: PFAS are extensively found in various environments, including drinking water, food, and food packaging. Studies have shown that PFAS contamination is prevalent in many food packaging materials, which can transfer these chemicals into the food we consume. Additionally, PFAS have been detected in</p>

	<p>food, and food packaging materials.</p> <p>2. PFAS are not easily degraded in the environment.</p> <p>3. Persistent exposure to PFAS can lead to bioaccumulation in animal bodies.</p> <p>Which of the statements given above are correct?</p> <p>(a) 1 and 2 only</p> <p>(b) 2 and 3 only</p> <p>(c) 1 and 3 only</p> <p>(d) 1, 2, and 3</p>								<p>numerous water bodies, soil, and air, making them a significant concern for environmental and human health. So, Option 1 is correct.</p> <p>2. Environmental Persistence: PFAS are known for their resistance to degradation, which means they can persist in the environment for an extended period. This persistence is due to the strong carbon-fluorine bonds that make these substances highly stable and difficult to break down naturally. So, Option 2 is correct.</p> <p>3. Bioaccumulation: Continuous exposure to PFAS can lead to their accumulation in the bodies of animals and humans. Bioaccumulation occurs because these chemicals do not easily leave the body and can build up over time, leading to potential adverse health effects such as liver damage, thyroid disease, and cancer. So, Option 3 is correct.</p> <p>Therefore, Option (d) is the correct answer.</p>
78	<p>Consider the following:</p> <p>1. Carabid beetles</p> <p>2. Centipedes</p> <p>3. Flies</p> <p>4. Termites</p> <p>5. Wasps</p> <p>Parasitoid species are found in how many of the above kind of organisms?</p> <p>(a) Only two</p> <p>(b) Only three</p> <p>(c) Only four</p> <p>(d) All five</p>	Environm ent & Ecology	Biodiver sity Basics	Static	Unconven tional	Hard	Misc	B	<p>Parasitoid species are those that spend a significant portion of their life cycle attached to or within a single host organism, which they ultimately kill. These species are commonly found in certain insect groups.</p> <p>Parasitoid species are commonly found in flies, wasps, and sometimes in beetles, but not typically in centipedes or termites. So, Option</p>

79	<p>Consider the following plants:</p> <ol style="list-style-type: none"> 1. Groundnut 2. Horse-gram 3. Soybean <p>How many of the above belong to the pea family?</p> <p>(a) Only one (b) Only two (c) All three (d) None</p>	Environment & Ecology	Biodiversity Basics	Static	Fundamental	Medium	NCERT	C	<p>The pea family, also known as the Fabaceae or Leguminosae family, includes many plants that produce pods with seeds inside.</p> <p>Groundnut (<i>Arachis hypogaea</i>): Groundnut, also known as peanut, belongs to the Fabaceae family. So, Option 1 is correct.</p> <p>Horse-gram (<i>Macrotyloma uniflorum</i>): Horse-gram also belongs to the Fabaceae family. So, Option 2 is correct.</p> <p>Soybean (<i>Glycine max</i>): Soybean is another member of the Fabaceae family. So, Option 3 is correct.</p> <p>Therefore, Option (c) is the correct answer.</p>
80	<p>Consider the following statements:</p> <p>Statement-I: The Indian Flying Fox is placed under the “vermin” category in the Wild Life (Protection) Act, 1972.</p> <p>Statement-II: The Indian Flying Fox feeds on the blood of other animals.</p> <p>Which one of the following is correct in respect of the above statements?</p> <p>(a) Both Statement-I and Statement-II are correct, and Statement-II explains Statement-I (b) Both Statement-I and Statement-II are correct, but</p>	Environment & Ecology	Environmental Policies & Laws	Current Affairs	Applied	Medium	Newspaper	C	<p>The Indian Flying Fox is classified as vermin under the Wild Life (Protection) Act, 1972. So, Statement I is correct.</p> <p>The Indian Flying Fox does not feed on the blood of other animals. Instead, it primarily feeds on fruits, nectar, and flowers. So, Statement II is not correct.</p> <p>Therefore, Option (c) is the correct answer.</p>

	Statement-II does not explain Statement-I (c) Statement-I is correct, but Statement-II is incorrect (d) Statement-I is incorrect, but Statement-II is correct								
81	<p>The total fertility rate in an economy is defined as:</p> <p>(a) The number of children born per 1000 people in the population in a year</p> <p>(b) The number of children born to a couple in their lifetime in a given population</p> <p>(c) The birth rate minus death rate</p> <p>(d) The average number of live births a woman would have by the end of her child-bearing age</p>	Indian and World Geography	Human Geography	Static	Fundamental	Easy	NCERT	D	<p>The Total Fertility Rate (TFR) is the average number of children born to a woman over her lifetime. So, Option (d) is correct.</p> <p>In India, the TFR has experienced a significant decline, from nearly 6.2 children per woman in 1950 to just under 2 children per woman in 2021.</p> <p>Therefore, Option (d) is the correct answer.</p>
82	<p>Consider the following statements:</p> <p>1. In India, Non-Banking Financial Companies can access the Liquidity Adjustment Facility window of the Reserve Bank of India.</p> <p>2. In India, Foreign Institutional Investors can hold the Government Securities (G-Secs).</p> <p>3. In India, Stock Exchanges can offer separate trading platforms for debts.</p> <p>Which of the statements given above is/are correct?</p> <p>(a) 1 and 2 only</p>	Economic & Social Development	Financial Market	Static	Fundamental	Easy	Standard Book	D	<p>Non-Banking Financial Companies cannot directly access the Liquidity Adjustment Facility. So, Statement 1 is not correct.</p> <p>However, Foreign Institutional Investors can hold Government Securities, and Stock Exchanges can offer separate trading platforms for debts. So, Statement 2 and 3 are correct.</p> <p>Therefore, Option (d) is the correct answer.</p>

	(b) 3 only (c) 1, 2, and 3 (d) 2 and 3 only																							
83	In India, which of the following can trade in Corporate Bonds and Government Securities? 1. Insurance Companies 2. Pension Funds 3. Retail Investors 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	Economic & Social Development	Financial Market	Static	Fundamental	Easy	Standard Book	D	Insurance companies, pension funds, and retail investors can all trade in corporate bonds and government securities in India. The Insurance Regulatory and Development Authority of India (IRDAI) and the Pension Fund Regulatory and Development Authority (PFRDA) regulate the investment activities of insurance companies and pension funds, respectively. Retail investors can access these markets directly or through mutual funds and other investment vehicles. So, Option 1, 2 and 3 are correct. Therefore, Option (d) is the correct answer.															
84	Consider the following: 1. Exchange-Traded Funds (ETF) 2. Motor vehicles 3. Currency swap Which of the above is/are considered financial instruments? (a) 1 only (b) 2 and 3 only (c) 1, 2, and 3 (d) 1 and 3 only	Economic & Social Development	Financial Market	Static	Fundamental	Easy	Standard Book	D	ETF and Currency Swap are financial instruments because they involve financial contracts or investments that can be traded and have monetary value based on underlying assets or currency exchange rates. So, Option 1 and 3 are correct. Motor vehicles, on the other hand, are physical goods used for transportation purposes and do not fall under the category of financial instruments. So, Option 2 is correct. Therefore, Option (d) is the correct answer.															
85	With reference to the sectors of the Indian economy, consider the following pairs: <table border="1"><thead><tr><th></th><th>Economic activity</th><th>Sector</th></tr></thead><tbody><tr><td>1.</td><td>Storage of agricultural produce</td><td>Secondary</td></tr><tr><td>2.</td><td>Dairy farm</td><td>Primary</td></tr><tr><td>3.</td><td>Mineral exploration</td><td>Tertiary</td></tr><tr><td>4.</td><td>Weaving cloth</td><td>Secondary</td></tr></tbody></table> How many of the pairs given above are correctly matched? (a) Only one		Economic activity	Sector	1.	Storage of agricultural produce	Secondary	2.	Dairy farm	Primary	3.	Mineral exploration	Tertiary	4.	Weaving cloth	Secondary	Economic & Social Development	Fundamentals of Economy	Static	Fundamental	Easy	Standard Book	B	Storage of agricultural produce: Tertiary sector. So, Pair 1 is not correctly matched. Dairy farm: Primary sector. So, Pair 2 is correctly matched. Mineral exploration: Primary sector. So, Pair 3 is not correctly matched. Weaving cloth: Secondary sector. So, Pair 4 is not correctly matched. Primary Activities: Agriculture: Growing crops, raising livestock, poultry farming. Fishing: Catching fish and other aquatic resources. Mining: Extracting minerals, ores, and fossil fuels. Forestry: Logging and harvesting timber.
	Economic activity	Sector																						
1.	Storage of agricultural produce	Secondary																						
2.	Dairy farm	Primary																						
3.	Mineral exploration	Tertiary																						
4.	Weaving cloth	Secondary																						

	(b) Only two (c) Only three (d) All four								Secondary Activities: Manufacturing: Production of goods from raw materials, such as automotive manufacturing, textile production, and electronics manufacturing. Construction: Building and infrastructure development. Utilities: Providing essential services like electricity generation, water treatment, and gas distribution. Processing: Refining raw materials into finished products, such as refining crude oil into petroleum products. Tertiary Activities: Retail: Selling goods to consumers through stores, online platforms, and marketplaces. Transportation and Logistics: Moving goods and people via transportation networks and managing supply chains. Financial Services: Banking, insurance, investment management, and financial planning. Healthcare and Education: Providing medical services, hospitals, clinics, schools, and universities. Hospitality and Tourism: Accommodation, food and beverage services, and tourist activities. Professional Services: Legal, accounting, consulting, advertising, IT services, and other business services.
86	Consider the following materials: 1. Agricultural residues 2. Corn grain 3. Wastewater treatment sludge 4. Wood mill waste Which of the above can be used as feedstock for producing Sustainable Aviation Fuel? (a) 1 and 2 only (b) 3 and 4 only (c) 1, 2, 3, and 4 (d) 1, 3, and 4 only	Environment & Ecology	Environmental Pollution	Current Affairs	Applied	Easy	Newspaper	C	Sustainable Aviation Fuel (SAF) can be produced from a variety of feedstocks, including agricultural residues, corn grain, wastewater treatment sludge, and wood mill waste . Each of these materials can be processed to produce biofuels, which can be used as an alternative to conventional aviation fuel . So, All options are correct. Therefore, Option (c) is the correct answer.
87	With reference to physical capital in Indian economy, consider the following pairs:	Economic & Social Development	Fundamentals of Economy	Static	Fundamental	Easy	Standard Book	B	Fixed Capital: These are long-term assets used repeatedly in the production process over several cycles. Examples include machinery, buildings, and tools.

	<table><tr><th>Items</th><th>Category</th></tr><tr><td>1. Farmer's plough</td><td>Working capital ✓</td></tr><tr><td>2. Computer</td><td>Fixed capital ✓</td></tr><tr><td>3. Yarn used by the weaver</td><td>Fixed capital ✓</td></tr><tr><td>4. Petrol</td><td>Working capital ✓</td></tr></table> <p>How many of the above pairs are correctly matched?</p> <p>(a) Only one (b) Only two (c) Only three (d) All four</p>	Items	Category	1. Farmer's plough	Working capital ✓	2. Computer	Fixed capital ✓	3. Yarn used by the weaver	Fixed capital ✓	4. Petrol	Working capital ✓								<p>Working Capital: These are short-term assets that are consumed or used up within a single production cycle. Examples include raw materials, fuel, and other supplies. --</p> <p>Farmer's plough - Fixed capital. So, Pair 1 is not correctly matched.</p> <p>Computer - Fixed capital. So, Pair 2 is correctly matched.</p> <p>Yarn used by the weaver - Working capital. So, Pair 3 is not correctly matched.</p> <p>Petrol - Working capital. So, Pair 4 is correctly matched.</p>
Items	Category																		
1. Farmer's plough	Working capital ✓																		
2. Computer	Fixed capital ✓																		
3. Yarn used by the weaver	Fixed capital ✓																		
4. Petrol	Working capital ✓																		
88	<p>Which one of the following words/phrases is most appropriately used to denote “an interoperable network of 3D virtual worlds that can be accessed simultaneously by millions of users, who can exert property rights over virtual items”?</p> <p>(a) Big data analytics (b) Cryptography (c) Metaverse (d) Virtual matrix</p>	Science & Technology	IT and Communication	Current Affairs	Applied	Medium	Newspaper	C	<p><u>This term describes a collective virtual shared space, created by the convergence of virtually enhanced physical reality and physically persistent virtual space. It includes 3D virtual worlds where users can interact, socialize, and perform various activities, often with the ability to own and trade virtual property. It is characterized by interoperability, allowing seamless movement between different virtual worlds, and supports a large number of simultaneous users.</u></p>										
89	<p>With reference to the rules imposed by the Reserve Bank of India while treating foreign banks, consider the following statements:</p>	Economic & Social Development	Banking in India	Current Affairs	Applied	Medium	Misc	B	<p>Explanation: The RBI does have a minimum capital requirement for wholly owned banking subsidiaries in India. According to RBI guidelines, foreign banks setting up wholly owned subsidiaries in India must meet a minimum capital requirement of ₹5 billion (₹500 crore). The RBI mandates that for wholly owned subsidiaries of foreign</p>										

	<p>1. There is no minimum capital requirement for wholly owned banking subsidiaries in India.</p> <p>2. For wholly owned banking subsidiaries in India, at least 50% of the board members should be Indian nationals.</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>								banks, at least 50% of the board members must be Indian nationals. This regulation is designed to ensure that the subsidiary has sufficient local oversight and governance, enhancing its alignment with local regulatory and market conditions.
90	<p>With reference to Corporate Social Responsibility (CSR) rules in India, consider the following statements:</p> <p>1. CSR rules specify that expenditures that benefit the company directly or its employees will not be considered as CSR activities.</p> <p>2. CSR rules do not specify minimum spending on CSR activities.</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>	Economic & Social Development	Miscellaneous	Current Affairs	Applied	Easy	Newspaper	A	<p>Companies (CSR Policy) Rules, 2014 - As per the rule, any activity designed exclusively for the benefit of employees shall be considered as an "activity benefitting employees" and will not qualify as permissible CSR expenditure. So, Statement 1 is correct.</p> <p>Every company which needs to comply with the CSR provisions have to spend 2% of the average net profits made during the preceding 3 years as per the CSR policy. So, Statement 2 is not correct.</p> <p>Therefore, Option (a) is the correct answer.</p>
91	<p>With reference to radioisotope thermoelectric generators (RTGs), consider the following statements:</p> <p>1. RTGs are miniature fission reactors.</p> <p>2. RTGs are used for powering the onboard systems of spacecrafts.</p>	Science & Technology	Nuclear Energy	Current Affairs	Applied	Hard	Misc	B	<p>RTGs are not fission reactors. They work by converting heat generated from the radioactive decay of isotopes, such as Plutonium-238, into electricity using thermoelectric materials. So, Statement 1 is not correct</p> <p>RTGs have been extensively used in space missions (e.g., Voyager, Cassini, and Curiosity rover) to power spacecraft systems. So, Statement 2 is correct.</p>

	3. RTGs can use Plutonium-238, which is a by-product of weapons development. 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								Plutonium-238, a key fuel for RTGs, can be a by-product of nuclear weapons production, but is specifically produced for its ability to generate heat through decay for use in RTGs. So, Statement 3 is correct. Therefore, Option (b) is correct.
92	Consider the following statements: Statement-I: Giant stars live much longer than dwarf stars. Statement-II: Compared to dwarf stars, giant stars have a greater rate of nuclear reactions. Which one of the following is correct in respect of the above statements? (a) Both Statement-I and Statement-II are correct, and Statement-II explains Statement-I (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I (c) Statement-I is correct, but Statement-II is incorrect (d) Statement-I is incorrect, but Statement-II is correct	Science & Technology	Basic Science	Static	Fundamental	Easy	Standard Book	D	Giant stars have shorter lifespans compared to dwarf stars. So, Statement I is not correct. A giant star may only last for a few hundred thousand years as it is not efficient with its fuel. A dwarf star could last for trillions of years. The Sun, a dwarf star, has a projected lifespan of ten billion years, which is halfway through, with life expected to die out in a billion years. This is because giant stars burn through their nuclear fuel much faster due to their higher mass and greater rate of nuclear reactions. So, Statement II is correct. Therefore, Option (d) is the correct answer.
93	Which one of the following is synthesized in the human body that dilates blood vessels and increases blood flow? (a) Nitric oxide (b) Nitrous oxide (c) Nitrogen dioxide	Science & Technology	Basic Science	Static	Fundamental	Medium	Misc	A	Nitric oxide (NO) is a signaling molecule that is synthesized in the human body and plays a crucial role in various physiological processes, including the regulation of blood flow and blood pressure. So, Option (a) is the correct answer.

	(d) Nitrogen pentoxide								
94	<p>Consider the following activities:</p> <ol style="list-style-type: none"> 1. Identification of narcotics on passengers at airports or in aircraft 2. Monitoring of precipitation 3. Tracking the migration of animals <p>In how many of the above activities can radars be used?</p> <p>(a) Only one (b) Only two (c) All three (d) None</p>	Science & Technology	IT and Communication	Static	Fundamental	Easy	Standard Book	C	<p>Radars, or radio detection and ranging systems, are versatile tools that can be used in various applications. Radars in advanced forms like millimeter-wave scanners can be used for identifying narcotics on passengers at airports. So, Option 1 is correct.</p> <p>Weather radars are extensively used for monitoring precipitation. So, Option 2 is correct.</p> <p>Radars are also used for tracking the migration of animals, particularly birds. So, Option 3 is correct.</p> <p>Therefore, Option (c) is the correct answer.</p>
95	<p>Consider the following aircraft:</p> <ol style="list-style-type: none"> 1. Rafale 2. MiG-29 3. Tejas MK-1 <p>How many of the above are considered fifth generation fighter aircraft?</p> <p>(a) Only one (b) Only two (c) All three (d) None</p>	Science & Technology	Defence	Current Affairs	Fundamental	Easy	Newspaper	D	<p>The aircraft listed in the question—Rafael, MiG-29, and Tejas MK-1—are not considered fifth-generation fighter aircraft. Fifth-generation fighter aircraft are characterized by features such as stealth, advanced avionics, superior maneuverability, and highly integrated computer systems. So, Option (d) is correct.</p> <p>Let's consider each of the listed aircraft:</p> <p>Rafael (Rafale): The Dassault Rafale is a 4.5-generation multi-role fighter aircraft developed by France. It has advanced avionics and stealth features but does not meet all the criteria of a fifth-generation fighter.</p> <p>MiG-29: The Mikoyan MiG-29 is a fourth-generation fighter aircraft developed by the Soviet Union. It does not have the advanced features required to be classified as a fifth-generation aircraft.</p> <p>Tejas MK-1: The HAL Tejas is an Indian multi-role light fighter of the fourth generation. It lacks the advanced stealth and avionics features of fifth-generation aircraft.</p> <p>Therefore, Option (d) is the correct answer.</p>
96	<p>In which of the following are hydrogels used?</p> <ol style="list-style-type: none"> 1. Controlled drug delivery in patients 2. Mobile air-conditioning systems 	Science & Technology	Miscellaneous	Current Affairs	Applied	Hard	Misc	D	<p>Hydrogels are versatile materials with a wide range of applications.</p> <p>Controlled drug delivery in patients: Hydrogels can encapsulate drugs and release them in a controlled manner, making them useful in medical treatments. So, Option 1 is correct.</p>

	3. Preparation of industrial lubricants Select the correct answer using the code given below: (a) 1 only (b) 1 and 2 only (c) 2 and 3 only (d) 1, 2, and 3								Mobile air-conditioning systems: Hydrogels can be used in cooling applications, including mobile air-conditioning systems , due to their ability to absorb and release water. So, Option 2 is correct. Preparation of industrial lubricants: Hydrogels can be used as thickeners and lubricants in industrial applications due to their unique properties. So, Option 3 is correct. Therefore, Option (d) is the correct answer.
97	Which one of the following is the exhaust pipe emission from Fuel Cell Electric Vehicles powered by hydrogen? (a) Hydrogen peroxide (b) Hydronium (c) Oxygen (d) Water vapour	Science & Technology	Miscellaneous	Current Affairs	Applied	Easy	Newspaper	D	When hydrogen is used as a fuel in fuel cells, it combines with oxygen from the air to produce electricity, and the only byproducts are water and heat. So , Option (d) is correct.
98	Recently, the term "pumped-storage hydropower" is actually and appropriately discussed in the context of which one of the following? (a) Irrigation of terraced crop fields (b) Lift irrigation of cereal crops (c) Long duration energy storage (d) Rainwater harvesting system	Environment & Ecology	Miscellaneous	Current Affairs	Applied	Easy	Newspaper	C	Pumped-storage hydropower is discussed in the context of energy storage and grid stability. It is a type of hydroelectric power generation that allows for the storage of energy by moving water between two reservoirs at different elevations. So, Option (c) is the correct answer.
99	"Membrane Bioreactors" are often discussed in the context of: (a) Assisted reproductive technologies (b) Drug delivery nanotechnologies (c) Vaccine production technologies (d) Wastewater treatment technologies	Environment & Ecology	Waste Management	Static	Fundamental	Easy	Standard Book	D	Membrane Bioreactors (MBRs) are a combination of a membrane process like microfiltration or ultrafiltration with a biological wastewater treatment process, the activated sludge process. They are used in the treatment of wastewater to remove contaminants and produce high-quality effluent that can be safely discharged or reused. This technology is particularly valued for its efficiency and effectiveness in treating sewage and industrial wastewater. So, Option (d) is correct. Therefore, Option (d) is the correct answer.

100	With reference to the Indian economy, "Collateral Borrowing and Lending Obligations" are the instruments of: - (a) Bond market - (b) Forex market - (c) Money market - (d) Stock market	Economic & Social Development	Financial Market	Static	Fundamental	Easy	Standard Book	C	CBLO is a product introduced by the Clearing Corporation of India Limited (CCIL) that allows entities to borrow and lend funds against collateral. It is an efficient tool used primarily for managing short-term liquidity needs in the Indian money market. So, Option (c) is the correct answer.
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