



**IASBABA'S
DAILY CURRENT
AFFAIRS QUIZ
COMPILATION
UPSC 2022**

April-2022

**9169191888
www.iasbaba.com**



Q.1) Banni buffalo seen in news is found in

- a) Odisha
- b) Haryana
- c) Kerala
- d) Gujarat

Q.1) Solution(d)

Banni buffaloes are distributed in the Kachchh region of Gujarat. Banni, which was evolved by the Maldhari community in this region, has good adaptability to harsh climatic conditions, drought resistance and survival on scanty fodder and shrubs.

Context - India's First Banni Buffalo in vitro fertilization (IVF) Calf was born in Gujarat

Q.2) Consider the following statements regarding 'Lucy Mission'

1. The mission aims to study the Martian atmosphere and also conduct tests on the soil to find traces of water
2. It is joint collaboration of NASA and European Space agency(ESA)

Choose the correct statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.2) Solution(d)

Statement Analysis:

Statement 1	Statement 2
Incorrect	Incorrect
NASA will launch its first spacecraft Lucy on an Atlas V rocket to study Jupiter's Trojan asteroids to collect insights into the solar	Lucy mission is solely the probe of NASA.

system's formation. Trojan asteroids or Jupiter Trojans are group of asteroids (more than 7,000 in number) that share the planet Jupiter's orbit around the Sun. They are leftovers of the primordial material from which Jupiter and the other outer planets were formed

Context – Lucy Mission was launched by NASA

Q.3) With reference to Atal Mission for Rejuvenation and Urban Transformation (AMRUT 2.0), consider the following statements

1. AMRUT 2.0 aims to provide 100% coverage of water supply and sewerage to all households
2. Pey Jal Survekshan will be conducted in cities to ascertain equitable distribution of water
3. The Ministry of Housing and Urban Affairs (MoHUA) is the nodal ministry for the scheme

Choose the correct statements using the code given below

- a) 1 and 2 only
- b) 2 only
- c) 2 and 3 only
- d) 3 only

Q.3) Solution(c)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Incorrect	Correct	Correct
AMRUT 2.0 aims to provide 100% coverage of water supply to all households in around 4,700 ULBs (Urban Local Bodies). It will provide	Pey Jal Survekshan will be conducted in cities to ascertain equitable distribution of water, reuse	The Ministry of Housing and Urban Affairs (MoHUA) is the nodal ministry for the scheme.

100% coverage of sewerage and septage in 500 AMRUT cities.	of wastewater and mapping of water bodies.	
--	--	--

Context- The second phase of AMRUT was launched.

Q.4) Consider the following statements regarding 'Agni-5 Missile'

1. It is an inter-continental ballistic missile which has an operational range of 5000 kilometres
2. The missile can be launched from land, air and sea
3. The engine consists of four stages powered by solid fuel

Choose the correct statement(s) using the code given below

- a) 1 only
- b) 2 and 3 only
- c) 1 and 2 only
- d) 2 only

Q.4) Solution(a)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Correct	Incorrect	Incorrect
Agni-V is an Indian nuclear capable intercontinental ballistic missile developed by the Defence Research and Development Organisation [DRDO]. The missile is believed to have a range of around 5,500 to 9,000 km.	It is a three-stage, road-mobile and solid-fueled intercontinental ballistic missile which is transported by a truck and launched via a canister. It is not capable of being launched by air and sea.	The Agni-V is a three-stage solid fuelled intercontinental ballistic missile with composite motor casing in the second and third stage.

Context - Agni-5 Missile was launched from the APJ Abdul Kalam Island, Odisha successfully

Q.5) Consider the following statements

1. It is a type of hand-painted or blockprinted cotton textile produced in parts of India for hanging on walls
2. The art is mostly based on Hindu epics and was patronised by the Mughals particularly in Golconda.

With reference to Kalamkari Paintings, which of the given statement(s) is/are correct

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.5) Solution(c)**Statement Analysis:**

Statement 1	Statement 2
Correct	Correct
It is a type of hand-painted or blockprinted cotton textile produced in parts of India for hanging on walls. Kalamkari literally means, Kalam - pen & kari - work, i.e., art work done using a pen	The Mughals who patronized this craft in the Coromandel and Golconda province called the practitioners of this craft "Qualamkars", from which the term "Kalamkari" evolved. The Pedana Kalamkari craft made in Pedana nearby Machilipatnam in Krishna district, Andhra Pradesh, evolved under the patronage of the Mughals and the Golconda sultanate. Owing to the said patronage, this school was influenced by Persian art under Islamic rule

Context - Karuppur kalamkari paintings from Tamil Nadu recently received the geographical indication (GI) tag.

Q.6) Consider the following statements regarding 'PM Poshan Shakti Nirman Scheme'

1. There is a provision for supplementary nutrition for children in aspirational districts and North-East India
2. States are given a free hand to decide diet taking local factors into consideration
3. Food norms under this scheme contains 250 grams and 150 grams of foodgrains for upper primary and primary class students

Choose the correct statement(s) using the code given below

- a) 1 and 2 only
- b) 2 only
- c) 1 only
- d) 2 and 3 only

Q.6) Solution(b)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Incorrect	Correct	Incorrect
Supplementary nutrition: There is a provision for supplementary nutrition for children in aspirational districts and those with high prevalence of anaemia	States to decide diet: It essentially does away with the restriction on the part of the Centre to provide funds only for wheat, rice, pulses and vegetables. Currently, if a state decides to add any component like milk or eggs to the menu, the Centre does not bear the additional cost. Now that restriction has been lifted.	The food intake per meal by the children of primary classes, as provided by MHRD is 100 grams of food grains, 20 grams of pulses, 50 grams of vegetables and 5 grams of oils and fats. For the children of upper-primary schools, the mandated breakup is 150 grams of food grains, 30 grams of pulses, 75 grams of vegetables and 7.5 grams of oils and fats

Context - The existing Mid-Day Meal scheme, which provides hot meals to students, has been renamed as the National Scheme for PM Poshan Shakti Nirman.

Q.7) Consider the following statements

1. A notable property is the alkaline pH that develops around the dissolving granule
2. The fertiliser has to be sprinkled at the time of sowing crops like mustard and wheat
3. It's commonly added to wine to sustain yeast fermentation and to milk to produce cheese cultures.

With reference to Di-Ammonium Phosphate, which of the following statements are correct

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All the above

Q.7) Solution(d)**Statement Analysis:**

Statement 1	Statement 2	Statement 3
Correct	Correct	Correct
DAP fertilizer is an excellent source of Phosphorus and nitrogen (N) for plant nutrition. It's highly soluble and thus dissolves quickly in soil to release plant-available phosphate and ammonium. A notable property of DAP is the alkaline pH that develops around the dissolving granule	Being a basic nutrient for Rabi crops, the DAP fertiliser has to be sprinkled at the time of sowing crops like mustard and wheat. Any delay in its supply could adversely impact the sowing of crops	DAP also acts as a fire retardant. DAP is used in various industrial processes, too, such as metal finishing. It's commonly added to wine to sustain yeast fermentation and to milk to produce cheese cultures

Context - An acute shortage of di-ammonium phosphate (DAP) in Haryana had seen desperate farmers pelting stones at the police, blocking roads in protest.

Q.8) Under the Ethanol Blending Programme (EBP), which of the following can be used as raw materials

1. Maize
2. Surplus rice with FCI
3. Sugarcane

Select the appropriate code

- a) 1 and 2
- b) 1 and 3
- c) 2 and 3
- d) 1, 2 and 3

Q.8) Solution(d)

Current regulations in the country allow production of ethanol from sugarcane, sugar, molasses, maize and damaged food grains unfit for human consumption. Further, surplus rice with FCI is also allowed.

Context - Almost two million tonnes (MT) of sugar were diverted for ethanol production during the last sugar season (October 2020 to September 2021)

Q.9) 'CRISP-M tool' seen in news recently is related to

- a) Gene editing
- b) Climate resilience
- c) High resolution telescope
- d) Wetland monitoring

Q.9) Solution(b)

CRISP-M tool was launched for integration of climate information in Geographic Information System (GIS) based watershed planning . Also to open up new possibilities for our rural communities to deal with the issues of climate change - to cope with climate change and protecting them from weather related disasters.

Context - Govt. of India launched Climate Resilience Information System and Planning (CRISP-M) tool under Mahatma Gandhi NREGA.

Q.10) Consider the following statements regarding 'Genetic Engineering Appraisal Committee'

1. It is responsible for appraisal of activities involving large scale use of hazardous microorganisms and recombinants in research
2. Regulatory Framework for approval of GM crops is covered under the Environment protection Act 1986

Choose the correct statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.10) Solution(c)

Statement Analysis:

Statement 1	Statement 2
Correct	Correct
The Genetic Engineering Appraisal Committee (GEAC) functions in the Ministry of Environment, Forest and Climate Change (MoEF&CC). As per Rules, 1989, it is responsible for appraisal of activities involving large scale use of hazardous microorganisms and recombinants in research and industrial production from the environmental angle.	Regulatory Framework for approval of GM crops is covered under the Environment protection Act 1986

Context - The Central government is yet to decide on a research proposal from Scientists at the Indian Agricultural Research Institute (IARI) which would allow plants to be genetically modified without the need for conventional transgenic technology.

Q.11) Consider the following statements regarding 'Members of Parliament Local Area Development Scheme'

1. It is a central sector scheme under Ministry of Parliamentary affairs
2. Funds are released in the form of grants in-aid directly to the district authorities which are non-lapsable in nature
3. Members of Parliament have only recommendatory role

Choose the correct statements

- a) 1 only
- b) 2 and 3 only
- c) 1 and 2 only
- d) 3 only

Q.11) Solution(b)**Statement Analysis:**

Statement 1	Statement 2	Statement 3
Incorrect	Correct	Correct
It is a central sector scheme for MPs to recommend works of developmental nature in their constituencies. It comes under Ministry of Statistics and Programme Implementation (MOSPI)	The funds – Rs. 5 crore/annum/MP – under the scheme are non-lapsable. Funds are released in the form of grants in-aid directly to the district authorities	MPs have only recommendatory role and the district authority is empowered to examine the eligibility of works, select the implementing agencies and monitor it.

Context - The Union Cabinet has restored the Members of Parliament Local Area Development Scheme (MPLADS) that was suspended in April 2020 during the remaining part of Financial Year 2021-22 and to continue MPLADS up to 2025-26, co-terminus with the period of 15th Finance Commission.

Q.12) With reference to Seventh Schedule of the Constitution , consider the following statements

1. Article 236 confers legislative powers on the Parliament and the State Legislatures on the subjects enumerated in the Seventh Schedule
2. There are more items in the state list than in the concurrent list

Select the correct statements(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.12) Solution(b)

Statement Analysis:

Statement 1	Statement 2
Incorrect	Correct
Article 246 confers legislative powers on the Parliament and the State Legislatures on the subjects enumerated in the Seventh Schedule	There are 61 items in the state list .Whereas, there are 52 items in the concurrent list.

Context - Fifteenth Finance Commission chairman NK Singh has called for a thorough review of the Seventh Schedule of the Constitution

Q.13) Consider the following statements regarding 'Indian Ocean Naval Symposium'

1. It is an international organisation consisting of littoral states bordering the Indian Ocean
2. It contains members from three continents only

Choose the statement(s) which are INCORRECT

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.13) Solution(c)**Statement Analysis:**

Statement 1	Statement 2
Incorrect	Incorrect
The Indian Ocean Naval Symposium (IONS) is a series of biennial meetings between the littoral states of the Indian Ocean region. It provides a forum to increase maritime security cooperation, discuss regional maritime issues, and promote friendly relationships among the member states	The 24 member nations of the IONS are grouped into four sub-regions. It contains members from four continents only – Asia, Africa and Australia, Europe (France being part of the symposium because of Mayotte and Reunion).

Context - 7th edition of IONS Conclave of Chiefs was hosted by French Navy at Paris.

Q.14) The Global State of Democracy Report is released by

- a) Freedom House
- b) Amnesty International
- c) International Institute for Democracy and Electoral Assistance
- d) World Economic Forum

Q.14) Solution(c)

The Global State of Democracy Report, 2021 was released. It was released by International Institute for Democracy and Electoral Assistance.

Q.15) Consider the following statements

1. Green Grids Initiative as part of One Sun, One World, One Grid initiative was announced by India and the France
2. The objective includes trading energy from sun, wind and water and even geothermal sources across borders to deliver clean energy

3. The Ministry of New and Renewable Energy has developed an application that could compute the potential solar energy at any point on earth

Which of the statement(s) mentioned above is/are correct

- a) 1 only
- b) 2 and 3 only
- c) 1, 2 and 3
- d) None of the above

Q.15) Solution(d)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Incorrect	Incorrect	Incorrect
Green Grids Initiative — One Sun, One World, One Grid (GGI — OSOWOG) is an initiative by International Solar Alliance (ISA), India and United Kingdom to build a global green energy grid, primarily focusing on solar and wind energy	The objective included trading energy from sun, wind and water across borders to deliver more than enough clean energy to meet the needs of everyone on earth. It does not include geothermal sources.	The ISRO has developed an application that could compute the potential solar energy at any point on earth and help decide if it would be suitable for solar energy installations.

Context - Green Grids Initiative As part of One Sun, One World, One Grid initiative was announced by India and the United Kingdom at COP26 to tap solar energy and have it travel seamlessly across borders.

Q.16) Consider the following statements regarding 'Mullaperiyar Dam'

- 1. It is located in Kerala but operated by Tamilnadu.
- 2. It is constructed on River Periyar in Anaimudi Hills.
- 3. It is a gravity dam built using mortar

Choose the correct statements

- a) 1 and 2 Only
- b) 2 and 3 Only
- c) 1 and 3 only
- d) All the above

Q.16) Solution(c)**Statement Analysis:**

Statement 1	Statement 2	Statement 3
Correct	Incorrect	Correct
Mullaperiyar dam is located in Kerala but is operated and maintained by Tamilnadu.	It is constructed on River Periyar on the Cardamom Hills of the Western Ghats in Thekkady, Idukki District of Kerala, India.	It is a gravity dam built using (burnt brick powder) mortar

Context – The dam was in news

Q.17) Consider the following statements regarding 'Abhyas'

1. It is a high-speed expendable aerial target (HEAT) being built by the Aeronautical Development Establishment (ADE) of the Defence Research and Development Organisation (DRDO)
2. The vehicle travels at supersonic speeds at an altitude of 5 kilometre

Choose the correct statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.17) Solution(a)**Statement Analysis:**

Statement 1	Statement 2
Correct	Incorrect
DRDO Abhyas is a high-speed expendable aerial target (HEAT) being built by the Aeronautical Development Establishment (ADE) of the Defence Research and Development Organisation (DRDO) for the Indian Armed Forces	The Abhyas is launched from a mobile launcher with the help of two 68 mm booster rockets manufactured by Munitions India Limited (previously Ordnance Factory Board). The twin rocket boosters helps in providing the initial acceleration until the small turbojet engine starts to sustain high subsonic speed

Context - The Abhyas High-speed Expendable Aerial Target (HEAT) has been successfully flight- tested by Defence Research and Development Organisation (DRDO) from the Integrated Test Range in Chandipur, off the Bay of Bengal coast in Odisha recently.

Q.18) The national park harbours the northernmost lowland evergreen rainforests in the world at 27°N latitude. It is a biodiversity hotspot in the Eastern Himalayas .The land cover changes with increasing elevation from tropical evergreen forest to temperate broadleaf and mixed forest. The park is

- Nameri National Park
- Namdapha National Park
- Khangchendzonga National Park
- Balpakram National Park

Q.18) Solution(b)

Namdapha National Park is a 1,985 km² (766 sq mi) large protected area in Arunachal Pradesh of Northeast India. With more than 1,000 floral and about 1,400 faunal species, it is a biodiversity hotspot in the Eastern Himalayas. The national park harbours the northernmost lowland evergreen rainforests in the world at 27°N latitude. The land cover changes with increasing elevation from tropical evergreen forest to temperate broadleaf and mixed forest.

Context - The researchers, from Nature Conservation Foundation (NCF), Mysuru and Centre for Ecological Sciences, Indian Institute of Science, Bengaluru conducted the study on the Hornbill Plateau in Namdapha

Q.19) Consider the following statements regarding 'Samudrayaan Mission'

1. It is India's first unique manned ocean mission that aims to send men into the deep sea in a submersible vehicle
2. It comes under the Deep Ocean mission launched by the Ministry of Earth Sciences

Choose the correct statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.19) Solution(c)**Statement Analysis:**

Statement 1	Statement 2
Correct	Correct
It is the first unique manned ocean mission that aims to send men to the depths of the ocean by submarine to explore the deep sea and excavation of rare minerals. It will send three people to a MATSYA 6000 submarine at a depth of 6000 meters at sea for deep underwater studies.	It is a part of the Rs 6000-crores Deep Ocean Mission launched by the Ministry of Earth Sciences.

Q.20) Consider the following statements

1. India will reach its non-fossil energy capacity to 500 GW by 2030
2. India will meet 50 percent of its energy requirements from renewable energy by 2030
3. India will reduce the carbon intensity of its economy by less than 50 percent by 2030

With respect to Panchamrit commitments made at COP 26, which of the above given statement(s) is/are true

- a) 1 and 2 only
- b) 2 only
- c) 2 and 3 only
- d) 1, 2 and 3

Q.20) Solution(a)**Statement Analysis:**

Statement 1	Statement 2	Statement 3
Correct	Correct	Incorrect
India will reach its non-fossil energy capacity to 500 GW by 2030.	India will meet 50 percent of its energy requirements from renewable energy by 2030.	By 2030, India will reduce the carbon intensity of its economy by less than 45 percent.

1. In addition, India will meet 50 percent of its energy requirements from renewable energy by 2030.
2. By the year 2070, India will achieve the target of Net Zero.

Context - National Statement by Prime Minister Shri Narendra Modi at COP26 Summit in Glasgow**Q.21) Consider the following statements regarding 'National Interlinking of Rivers Authority'**

1. It is an independent body under Ministry of Jal Shakti
2. The functions also include coordinating with neighbouring countries and concerned states

Select the correct statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.21) Solution(b)

Statement Analysis:

Statement 1	Statement 2
Incorrect	Correct
NIRA is an independent autonomous body for planning, investigation, financing and the implementation of the river interlinking projects in the country. NIRA will be headed by a Government of India Secretary-rank officer	One of the functions include co-ordinating with neighbouring countries and concerned states and departments as directed by the Ministry of Jal Shakti or the Ministry of External Affairs

Context - Centre has set in motion the process of creating the exclusive body- National Interlinking of Rivers Authority (NIRA)

Q.22) Consider the following statements regarding 'Mineral Conservation and Development (Amendment) Rules, 2021'

1. All plans related to mine shall be prepared by drone survey for certain or all leases as specified by Indian Bureau of Mines (IBM)
2. All leesees are required to submit drone survey images of leased area and up to 100 meters outside the lease boundary every year
3. In addition to State Government, IBM also has power of taking action against wrong information in monthly or annual returns

Choose the correct statement(s) using the code given below

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) 3 only

Q.22) Solution(d)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Incorrect	Incorrect	Correct

All plans related to mine shall be prepared by combination of Digital Global Positioning System (DGPS) or Total Station (an electronic/optical instrument used for surveying) or by drone survey for certain or all leases as specified by Indian Bureau of Mines (IBM).	Persons holding lease of mines (Lessees), with excavation plan of 1 million tonne or more/leased area of 50 hectare or more, are required to submit drone survey images of leased area and up to 100 meters outside the lease boundary every year. Other lessees will submit high resolution satellite images	In addition to State Government, IBM also has power of taking action against wrong information in monthly or annual returns.
--	---	--

Context - Ministry of Mines has notified the Mineral Conservation and Development (Amendment) Rules, 2021

Q.23) With reference to 'Infrastructure for Resilient Island States' – IRIS', consider the following statements

1. IRIS has been co-created by the Coalition for Disaster Resilient Infrastructure (CDRI)
2. It will provide way for Investments into infrastructure by corporate companies and promote development

Choose the correct statements

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.23) Solution(a)

Statement Analysis:

Statement 1	Statement 2
Correct	Incorrect
IRIS, a dedicated initiative, has been co-created by the Coalition for Disaster Resilient	Infrastructure for Resilient Island States (IRIS), a dedicated initiative, will provide

Infrastructure (CDRI) with support from Member Countries and organizations and Small Island Developing States (SIDS) representatives	technical support on the multifaceted issues posed by infrastructure systems and promote disaster and climate resilience of infrastructure assets in SIDS, and share latest knowledge and learnings targeted to specific infrastructure sectors
--	---

Context - 'Infrastructure for Resilient Island States' initiative was launched at COP26 Summit in Glasgow

Q.24) Logistics Ease across Different States (LEADS) Report was released by

- a) Ministry of Road Transport and Highways
- b) Ministry of Finance
- c) Ministry of Commerce and Industry
- d) NITI Aayog

Q.24) Solution(c)

Ministry of Commerce and Industry unveiled third LEADS report 2021. LEADS index was launched in 2018 with the main objective of ranking States and UTs on the efficiency of their logistics ecosystem. It aims to enhance focus on improving logistics performance across states which is key to improving the country's trade and reducing transaction cost.

Q.25) Consider the following statements

1. DNA vaccines work by injecting genetically engineered plasmid containing the DNA sequence encoding the antigen(s)
2. People susceptible to an autoimmune response may have an adverse reaction to DNA vaccines

Choose the correct statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2

d) Neither 1 nor 2

Q.25) Solution(a)

Statement Analysis:

Statement 1	Statement 2
Correct	Incorrect
DNA vaccines work by injecting genetically engineered plasmid containing the DNA sequence encoding the antigen(s) against which an immune response is sought, so the cells directly produce the antigen, thus causing a protective immunological response	Reactogenicity, the tendency of a vaccine to produce adverse reactions, is similar to that of conventional non-RNA vaccines. People susceptible to an autoimmune response may have an adverse reaction to messenger RNA vaccines.

Context - ZYCOV-D, The World'S First Needle-Free COVID-19 Vaccine was in news

Q26) Consider the following statements with respect to the P-15 Bravo-class or Project-15B

1. It is a class of stealth submarines built for the Indian Navy
2. It has been manufactured under Make In India initiative by Mazagaon Dock Limited
3. The first ship under this project is set to be commissioned in 2022

Which of the statements given above is/are correct?

- a) 1 and 2 only
- b) 2 only
- c) 1 and 3 only
- d) 1, 2 and 3

Q.26) Solution (b)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Incorrect	Correct	Incorrect
The Visakhapatnam-class destroyers, also classified as the P-15 Bravo-class, or	Designed by the Directorate of Naval Design (DND), a total of four ships are being	The first vessel of the class, INS Visakhapatnam was commissioned on 21

simply P-15B, is a class of guided-missile destroyers currently being built for the Indian Navy	built by Mazagon Dock Limited (MDL), under the Make in India initiative.	November 2021. The Indian Navy plans to have all four destroyers in active service by 2024.
---	--	---

Context – First ship under Project 15B got commissioned

Q.27) With respect to Ganges River Dolphins, consider the following statements

1. These dolphins live only in freshwater
2. It is listed as Vulnerable under IUCN Red List
3. They produce ultrasonic waves to identify prey

Which of the statements given above is/are correct?

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All the above

Q.27) Solution(c)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Correct	Incorrect	Correct
Ganges river Dolphin live only in freshwater. It lives along the Ganges-Brahmaputra-Meghna and Karnaphuli-Sangu river systems of Bangladesh and India, and the Sapta Koshi and Karnali Rivers in Nepal.	They are classified as endangered under the IUCN Red list	Given the dolphin's blindness, it produces an ultrasonic sound that is echoed off other fish and water species, allowing it to identify prey

Context - The Jal Shakti Ministry released a guide for the safe rescue and release of stranded Ganges River Dolphins.

Q.28) With respect to Skills Strengthening for Industrial Value Enhancement (STRIVE), consider the following statements

1. It is a mass outreach program where students from different colleges/ITIs from all parts of the country will be encouraged to take up entrepreneurship.
2. It is funded by the World Bank

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

Q.28) Solution (b)

Statement Analysis:

Statement 1	Statement 2
Incorrect	Correct
The project aims at creating awareness through industry clusters/ geographical chambers that would address the challenge of involvement of micro, Small and Medium-sized Enterprises (MSMEs). The Project would also aim at integrating and enhancing delivery quality of ITIs.	The project falls under the Programme for Results (P4R) based category of World Bank that ensures outcome based funding

Context - Skills Strengthening for Industrial Value Enhancement (STRIVE) programme was launched recently

Q.29) Consider the following statements with respect to Airports Economic Regulatory Authority (AERA)

1. It is responsible for regulating tariff and other expenditure for major airports.
2. It is a statutory body established by The Airports Authority of India Act

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

Q.29) Solution (a)

Statement Analysis:

Statement 1	Statement 2
Correct	Incorrect
The Airports Economic Regulatory Authority of India has been determining the tariffs of aeronautical charges at major airports in the country. It regulates tariff and other expenditure and fees for major airports.	Airports Economic Regulatory Authority (AERA) is a is a statutory body constituted under the Airports Economic Regulatory Authority of India Act (AERA), 2008.

Context – AERA was in news

Q.30) Mission 2070: A Green New Deal for a Net-Zero India is released by

- a) Germanwatch
- b) World Economic Forum
- c) World Bank
- d) UNDP

Q.30) Solution(b)

According to Mission 2070: A Green New Deal for a Net-Zero India, the country's transition to a net zero economy could create over 50 million jobs and contribute more than \$1 trillion in economic impact by 2030 and around \$15 trillion by 2070. It is released by World Economic Forum.

Context – The report was in news

Q.31) Consider the following statements with respect to e-AMRIT

1. e-AMRIT is the portal for creating awareness about installing solar pumps on farm lands
2. e-AMRIT is the result of a joint initiative between NITI Aayog and the International Solar Alliance (ISA)

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

Q.31) Solution(d)

Statement Analysis:

Statement 1	Statement 2
Incorrect	Incorrect
e-AMRIT (Accelerated e-Mobility Revolution for India's Transportation) is the portal for creating awareness about electric mobility in India. The portal aims to serve as a 'one-stop site' to provide all the information related to the adoption of electric vehicles in India.	e-AMRIT is the result of a joint initiative between NITI Aayog and the UK Government.

Context – e-AMRIT portal was launched

Q.32) Coringa Wildlife Sanctuary is situated in which of the following Indian state?

- a) Telangana
- b) Andhra Pradesh
- c) Kerala
- d) Tamil Nadu

Q.32) Solution (b)

Coringa Wildlife Sanctuary is a wildlife sanctuary and estuary situated near Kakinada in Andhra Pradesh, India. It is the second largest stretch of mangrove forests in India with 24 mangrove tree species and more than 120 bird species. It is home to the critically endangered white-backed vulture and the long billed vulture. The sanctuary is a part of the Godavari estuary and has extensive mangrove and dry deciduous tropical forest.

Context –WII-Dehradun Scientists began India's first Fishing Cat collaring project in Coringa

Q.33) Consider the following statements with respect to S-400 Triumph

1. It is a mobile, surface-to-air missile (SAM) system developed by Russia
2. It has a target detection distance of nearly 100 kilometres
3. It has the capability to engage as many as 80 targets simultaneously

Choose the correct statement(s) 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

Q.33) Solution(c)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Correct	Incorrect	Correct

S-400 is a mobile, surface-to-air missile (SAM) system developed by Russia	It has a target detection distance of nearly 600 kilometres	It can simultaneously engage 80 targets and launch 160 missiles (2 missiles per target)
--	---	--

Context – Russia started delivery of S-400 system to India

Q.34) Consider the following statements regarding 'Birsa Munda'

1. He opposed and the Church and its practices such as levying of taxes and religious conversions
2. The Birsaits openly declared that the real enemies were the British and not Christian Mundas and called for a decisive war against the British
3. The movement which he initiated also aimed at reforming tribal society

Which of the following statement(s) given above is/are correct?

- a) 3 only
- b) 2 and 3 only
- c) 1, 2 and 3 only
- d) 1 and 3 only

Q.34) Solution(c)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Correct	Correct	Correct
Birsa Munda is credited for reviving the traditional tribal culture which was mostly negatively affected by Christian missionary works. Many tribals under his sect had already converted to Christianity. He opposed and criticised the Church and its practices such as levying of	It is said that around 7000 men and women assembled around Christmas of 1899, to herald the Ulgulaan (revolution) which soon spread to Khunti, Tamar, Basia, and Ranchi. The Anglican Mission at Murhu and the Roman Catholic Mission at Sarwada were the	The movement which Birsa Munda started also aimed at reforming tribal society.

taxes and religious conversions. He himself became a preacher and a representative of their traditional tribal religion	main targets. The Birsaits openly declared that the real enemies were the British and not Christian Mundas and called for a decisive war against the British	
---	--	--

Context - The Government has declared 15th November as Janjatiya Gaurav Divas dedicated to the memory of brave tribal freedom fighters. The date is the birth anniversary of Birsa Munda who is revered as Bhagwan by tribal communities across the country.

Q.35) With reference to 'STARS Programme', consider the following statements

1. It is a centrally sponsored scheme that seeks to strengthen the school education system
2. The objective is to improve the quality and governance of school education throughout the country

Select the correct statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.35) Solution(a)

Statement Analysis:

Statement 1	Statement 2
Correct	Incorrect
The Strengthening Teaching-Learning and Results for States (STARS) project is a Centrally Sponsored Scheme under department of School Education and Literacy, Ministry of Education. A major component of the project is the establishment of PARAKH (Performance Assessment, Review, and	The objective is to improve the quality and governance of school education in six Indian states. Six states are– Himachal Pradesh, Kerala, Madhya Pradesh, Maharashtra, Odisha, and Rajasthan.

Analysis of Knowledge for Holistic Development) as a National Assessment Centre.	
--	--

Context - Performance of World Bank aided project STARS was reviewed recently.

Q.36) Consider the following statements regarding 'Double Asteroid Redirection Test'

1. It is aimed at testing a method of planetary defense against near-Earth objects (NEOs)
2. It is launched by NASA in collaboration with European Space Agency (ESA)

Select the correct statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.36) Solution(a)

Statement Analysis:

Statement 1	Statement 2
Correct	Incorrect
The Double Asteroid Redirection Test (DART) is a NASA space mission aimed at testing a method of planetary defense against near-Earth objects (NEOs). In September 2022, a space probe is set to deliberately crash into the minor-planet moon Dimorphos of the double asteroid Didymos to assess the future potential of a spacecraft impact to deflect an asteroid on a collision course with Earth through a transference of momentum.	DART is a joint project between NASA and the Johns Hopkins Applied Physics Laboratory (APL)

Correct – DART Mission was launched

Q.37) 'Namda' a craft seen in news belongs to

- a) Tripura
- b) Odisha
- c) Jammu & Kashmir
- d) Rajasthan

Q.37) Solution(c)

Namda is a rug made of sheep wool through felting technique instead of normal weaving process .A pilot project to revive and promote traditional 'Namda' craft in Jammu and Kashmir was launched. The objective of these projects is to boost and preserve the traditional Namda craft of Kashmir and upskill the local weavers and artisans of the UT to enhance their productivity through RPL assessment and certification.

Context – A project to revive 'Namda' craft was launched.

Q.38) With reference to 'Coal Gasification', consider the following statements

1. Coal gasification is a process in which coal is partially oxidized with air, oxygen, steam or carbon dioxide
2. Coal gasification does not leave any by-product and is eco-friendly
3. The syngas technology allows conversion of non-mineable coal/lignite into combustible gases

Which of the statement(s) given above is/are correct. Select the appropriate answer using the code given below.

- a) 1 only
- b) 1 and 2 only
- c) 3 only
- d) 1 and 3 only

Q.38) Solution(d)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Correct	Incorrect	Correct
Gasification of coal is a process in which coal is partially oxidated by air, oxygen, steam or carbon dioxide under controlled conditions to produce a fuel gas.	The by-products coal gasification slag and fly ash are formed in the gasifier reaction vessel and differ clearly from bottom ash and fly ash from pulverized coal-fired boilers. The process emits a lot of greenhouse gases.	The syngas technology allows conversion of non-mineable coal/lignite into combustible gases through in situ gasification of the material.

Context – A blueprint for the ‘National Coal Gasification Mission’ was prepared

Q.39) Consider the following statements with respect to ‘Global Hunger Index’

1. It is a peer-reviewed annual report, jointly published by Food and Agriculture Organization and Welthungerhilfe
2. GHI determines hunger on a 100-point scale, where 0 is the worst possible score and 100 is the best.
3. Europe and Central Asia has the lowest 2021 GHI score of any region

Choose the correct answer using the code given below

- a) 1 and 2 only
- b) 3 only
- c) 1 and 3 only
- d) 2 only

Q.39) Solution(b)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Incorrect	Incorrect	Correct
The GHI is a peer-reviewed annual report, jointly published by Concern	Based on the values of the four indicators, the GHI determines hunger on a 100-	Europe and Central Asia has the lowest 2021 GHI score of any region.

Worldwide and Welthungerhilfe, designed to comprehensively measure and track hunger at the global, regional, and country levels.	point scale, where 0 is the best possible score (no hunger) and 100 is the worst.	
--	---	--

Q.40) Consider the following statements

1. The Padma Awards are conferred on the recommendations made by the Padma Awards Committee, which is constituted by the President every year
2. All persons without distinction of race, occupation, position or sex are eligible for these awards

Choose the correct statements

- a) 1 Only
- b) 2 Only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.40) Solution(b)**Statement Analysis:**

Statement 1	Statement 2
Incorrect	Correct
The Padma Awards are conferred on the recommendations made by the Padma Awards Committee, which is constituted by the Prime Minister every year. The nomination process is open to the public.	All persons without distinction of race, occupation, position or sex are eligible for these awards. However, Government servants including those working with PSUs, except doctors and scientists, are not eligible for these Awards.

Context – Padma awards were presented by The President

Q.41) Consider the following statements with respect to 'Public Accounts Committee'

1. It is the oldest Parliamentary Committee and was constituted under the provisions of the Government of India Act of 1919
2. The committee has no representation from Rajya Sabha
3. It is constituted by Parliament each year for examination of accounts

Which of the given statement(s) above is /are correct

- a) 1 and 2 only
- b) 1 and 3 only
- c) 1 only
- d) 3 only

Q.41) Solution(b)**Statement Analysis:**

Statement 1	Statement 2	Statement 3
Correct	Incorrect	Correct
It is the oldest Parliamentary Committee and was first constituted in 1921 under the provisions of the Government of India Act of 1919	Public Accounts Committee consists of 22 Members; 15 Members are elected from Lok Sabha and 7 Members from the Rajya Sabha are associated with it	It is constituted by Parliament each year for examination of accounts showing the appropriation of sums granted by Parliament for expenditure of Government of India, the annual Finance Accounts of Government of India, and such other accounts laid before Parliament as the Committee may deem fit

Context – Hundred years of establishment of Public Accounts Committee.

Q.42) Consider the following statements regarding Dispute Settlement Mechanism of WTO

1. Settling disputes is the responsibility of the General Council which consists of all the developed countries.
2. The decision of the Appellate Body is final on the dispute
3. Rulings are automatically adopted unless there is a consensus to reject a ruling

Choose the correct statements

- a) 1 only
- b) 1 and 2 only
- c) 2 and 3 only
- d) 2 only

Q.42) Solution(c)**Statement Analysis:**

Statement 1	Statement 2	Statement 3
Incorrect	Correct	Correct
Settling disputes is the responsibility of the Dispute Settlement Body (the General Council in another guise), which consists of all WTO members. The Dispute Settlement Body has the sole authority to establish “panels” of experts to consider the case, and to accept or reject the panels’ findings or the results of an appeal.	The WTO Appellate Body’s decision will be considered final on the dispute. In case a country refuses to comply with the decision, it might have to face retaliatory action from other countries. This could be in the form of additional tariffs and other stringent measures.	The Uruguay Round agreement also made it impossible for the country losing a case to block the adoption of the ruling. Under the previous GATT procedure, rulings could only be adopted by consensus, meaning that a single objection could block the ruling. Now, rulings are automatically adopted unless there is a consensus to reject a ruling — any country wanting to block a ruling has to persuade all other WTO members (including its

		adversary in the case) to share its view
--	--	--

Context – WTO's dispute settlement panel ruled against India regarding subsidies provided to sugarcane

Q.43) 'Global Minimum Tax Rate' is being contemplated by

- a) Organisation for Economic Co-operation and Development (OECD)
- b) G-7
- c) Financial Action Task Force(FATF)
- d) European Union

Q.43) Solution(a)

The global minimum corporate tax rate, abbreviated GMCT or GMCTR, is an agreement between national leaders which proposes to reduce tax competition between countries and the avoidance of corporate taxes by setting a world-wide minimum corporate tax rate. In 2019, the OECD, an intergovernmental association of mostly rich countries, began proposing a global minimum corporate tax rate.

Context - Organisation for Economic Co-operation and Development (OECD) released Pillar Two model rules for of 15% global minimum tax.

Q.44) Consider the following statements regarding 'Stand-off Anti-Tank(SANT) Missile'

1. It is a surface to surface missile developed indigeneously by DRDO
2. It has a striking capability within a range of 50 kilometres and is equipped with a millimeter wave seeker

Select the correct statement(s)

- a) 1 only
- b) 2 only

- c) Both 1 and 2
- d) Neither 1 nor 2

Q.44) Solution(d)**Statement Analysis:**

Statement 1	Statement 2
Incorrect	Incorrect
Defence Research and Development Organisation (DRDO) and Indian Air Force (IAF) flight-tested the indigenously designed and developed Helicopter launched SANT Missile	SANT missile is equipped with a state-of-the-art millimetre wave (MMW) seeker which provides high precision strike capability within a range of 10 kilometres.

Context – SANT missile was flight tested**Q.45) With reference to 'Global Methane Initiative', consider the following statements**

1. It is a voluntary Government created to achieve global reduction in anthropogenic methane emission
2. It was established at the recently concluded COP session of UNFCCC

Select the correct statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.45) Solution(a)**Statement Analysis:**

Statement 1	Statement 2
Correct	Incorrect
GMI is a voluntary Government and an informal international partnership created to	It was created in 2004 and has membership from 45 countries

achieve global reduction in anthropogenic methane emission through partnership among developed and developing countries having economies in transition	
--	--

Context – India recently chaired a meeting of GMI.

Q.46) Consider the following statements regarding 'Default Bail'

1. Default bail is a right that accrues when police fail to lodge a First Information Report(FIR) within a specified period
2. It is enshrined in the Indian Penal Code

Choose the correct statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.46) Solution(d)

Statement Analysis:

Statement 1	Statement 2
Incorrect	Incorrect
Default or statutory bail is a right (regardless of the nature of crime) to bail that accrues when police fail to complete investigation within a specified period in respect of a person in judicial custody	It is enshrined in Code of Criminal Procedure.

Context – Sudha Bharadwaj was granted Default Bail by Bombay High Court.

Q.47) Consider the following statements with respect to 'Observer status at UN General Assembly'

1. It grants the observer entity the right to speak in debates, to submit proposals and amendments by default
2. International organizations can also be granted observer status
3. Observer status may be granted by a United Nations General Assembly resolution as per the provisions for it in the United Nations Charter

Which of the following statement(s) mentioned above is/are correct

- a) 1 and 2 only
- b) 2 only
- c) 2 and 3 only
- d) 3 only

Q.47) Solution(b)**Statement Analysis:**

Statement 1	Statement 2	Statement 3
Incorrect	Correct	Incorrect
The General Assembly determines the privileges it will grant to each observer, beyond those laid down in a 1986 Conference on treaties between states and international organizations. Exceptionally, the European Union (EU) was in 2011 granted the right to speak in debates, to submit proposals and amendments, the right of reply, to raise points of order and to circulate documents, etc. As of May 2011, the EU was the only	The United Nations General Assembly has granted observer status to international organizations, entities, and non-member states, to enable them to participate in the work of the United Nations General Assembly, though with limitations	Observer status may be granted by a United Nations General Assembly resolution. The status of a permanent observer is based purely on practice of the General Assembly, and there are no provisions for it in the United Nations Charter.

international organization to hold these enhanced rights, which has been likened to the rights of full membership, short of the right to vote		
---	--	--

Context – International Solar Alliance(ISA) was conferred observer status by United Nations General Assembly.

Q.48) With reference to 'Scheduled Banks', consider the following statements

1. They are mentioned in the First Schedule of the Reserve Bank of India Act of 1934
2. They are eligible for refinancing facility from the RBI at the bank rate and get access to currency storage facility.
3. It automatically confers a scheduled bank the membership of clearing house

Choose the correct statement(s) using the code given below

- a) 1 and 2 only
- b) 2 only
- c) 1 and 3 only
- d) 2 and 3 only

Q.48) Solution(d)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Incorrect	Correct	Correct
Scheduled Banks in India refer to those banks which have been included in the Second Schedule of Reserve Bank of India Act, 1934.	They are eligible for refinancing facility from the RBI at the bank rate and get access to currency storage facility	Every Scheduled bank enjoys two types of principal facilities: 1. It becomes eligible for debts/loans at the bank rate from the RBI

		2. It automatically acquires the membership of clearing house
--	--	---

Context - Paytm Payments Bank was accorded scheduled bank status by the Reserve Bank of India.

Q.49) 'Nairobi Declaration' is used in the context of

- a) Conservation of Rhinoceros
- b) Disaster risk reduction
- c) Ethnic displacement
- d) Maritime piracy

Q.49) Solution(b)

Nairobi Declaration outlines how Africa aims to implement Sendai Framework on the continent. Declaration underlined the need to deliver commitments on the Programme of Action (PoA) for implementing the Sendai Framework in Africa.

Context - Nairobi declaration was adopted by African ministers and heads of delegations.

Q.50) Consider the following statements regarding 'Green Hydrogen Micro-grid Project'

- 1. It is an initiative of National Thermal Power Corporation and is the country's first Green Hydrogen Energy Storage Project
- 2. The system works in standalone mode round the clock and can produce up to 1 GW of electricity

Choose the correct statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.50) Solution(a)**Statement Analysis:**

Statement 1	Statement 2
Correct	Incorrect
NTPC has awarded a project of “Standalone Fuel-Cell based Micro-grid with hydrogen production using electrolyser in NTPC Guest House at Simhadri (near Visakhapatnam)”. It is India’s first Green Hydrogen based Energy Storage Project	The hydrogen would be produced using the advanced 240 kW Solid Oxide Electrolyser by taking input power from the nearby Floating Solar project. The hydrogen produced during sunshine hours would be stored at high pressure and would be electrified using a 50 kW Solid Oxide Fuel Cell. The system would work in standalone mode from 5PM in the evening to 7AM in the morning.

Context - India’s first; and one of world’s largest Green Hydrogen Microgrid Projects to be set up at Simhadri

Q.51) Consider the following statement regarding ‘Flex Fuel Vehicles’

1. They are capable of running on a combination of 100% petrol or 100% bio-ethanol and their blends
2. The two fuels are stored in separate tanks and the engine runs on one fuel at a time

Choose the correct statements:

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.51) Solution(a)**Statement Analysis:**

Statement 1	Statement 2
Correct	Incorrect

A flexible-fuel vehicle (FFV) or dual-fuel vehicle (colloquially called a flex-fuel vehicle) is an alternative fuel vehicle with an internal combustion engine designed to run on more than one fuel, usually gasoline blended with either ethanol or methanol fuel, and both fuels are stored in the same common tank.	Flex-fuel vehicles are distinguished from bi-fuel vehicles, where two fuels are stored in separate tanks and the engine runs on one fuel at a time, for example, compressed natural gas (CNG), liquefied petroleum gas (LPG), or hydrogen.
---	--

Context – Government issued advisory to carmakers to introduce flex-fuel vehicles

Q.52) Consider the following statements regarding 'Atal Ranking of Institutions on Innovation Achievements (ARIIA)'

1. It ranks all major higher educational institutions and universities in India
2. It is an initiative of NITI Aayog
3. It ranks institutions based on indicators related to research and development amongst students and faculties

Select the correct answer using the code give below

- a) 1 and 2 only
- b) 1 only
- c) 2 and 3 only
- d) 1, 2 and 3 only

Q.52) Solution(b)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Correct	Incorrect	Correct
Atal Ranking of Institutions on Innovation Achievements (ARIIA) is an initiative of Ministry of Education (MoE), Govt. of India to systematically rank all major	It is an initiative of Ministry of Education	It ranks institutions based on on indicators related to "Innovation and Entrepreneurship Development" amongst students and faculties.

higher educational institutions and universities in India		
---	--	--

Context – ARIIA 2021 rankings were released

Q.53) With reference to ‘New Development Bank’, consider the following statements

1. It is a multilateral development bank operated by the BRICS states
2. It assigns votes based on capital share in the New Development Bank
3. Bank's Articles of Agreement specify that all members of the United Nations could be members of the bank

Which of the given statement(s) above is/are correct

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All the above

Q.53) Solution(c)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Correct	Incorrect	Correct
It is a multilateral development bank operated by the BRICS states (Brazil, Russia, India, China and South Africa). It is headquartered in Shanghai, China.	The initial subscribed capital of the bank was equally distributed among the founding members. The Agreement on the NDB specifies that every member will have one vote no one would have any veto powers	Bank's Articles of Agreement specify that all members of the United Nations could be members of the bank, however the share of the BRICS nations can never be less than 55% of voting power.

Context - India welcomed Egypt's entry as the fourth new member of the New Development Bank (NDB)

Q.54) '1988 sanctions list' is used in the context of

- a) North Korean crisis
- b) Taliban insurgency
- c) Civil war in Sri Lanka
- d) Drug trafficking

Q.54) Solution(b)

This list is maintained by the 1988 Committee, a committee established by the UN Security Council Resolution 1988 (2011). This list contains information on individuals and groups involved with Taliban.

Context - It was in news.

Q.55) Consider the following statements regarding 'Pralay Missile'

1. It is a canisterised surface-to-surface tactical long-range ballistic missile
2. The missile contains a maneuverable reentry vehicle (MaRV) to defeat anti-ballistic missile (ABM) interceptors

Choose the correct statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.55) Solution(b)

Statement Analysis:

Statement 1	Statement 2
Incorrect	Correct
Pralay is a canisterised surface-to-surface tactical short-range ballistic missile (SRBM) for battlefield use developed by the Defence	Pralay is a solid fuel missile that follows a quasi-ballistic trajectory and can perform mid-air manoeuvres using maneuverable

Research and Development Organisation (DRDO) of India.

reentry vehicle (MaRV) to defeat anti-ballistic missile (ABM) interceptors.

Context – Maiden flight test of Pralay missile was successfully conducted.

Q.56) Consider the following statements regarding Pacific 'Ring of Fire'

1. It is home to half of world's volcanoes
2. The volcanic island arcs are always parallel and seaward of the trenches
3. The area contains Phillipine Plate, Cocos Plate and Nazca Plate

Choose the correct statements

- a) 1 and 2 only
- b) 2 Only
- c) 2 and 3 only
- d) 3 Only

Q.56) Solution(d)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Incorrect	Incorrect	Correct
The Pacific 'Ring of Fire' or Pacific rim, or the Circum-Pacific Belt, is an area along the Pacific Ocean that is characterised by active volcanoes and frequent earthquakes. It is home to about 75 per cent of the world's volcanoes – more than 450 volcanoes. Also, about 90 per cent of the world's earthquakes occur here.	The volcanic island arcs are parallel to, and always landward of, the trenches. For example, the island arc associated with the Aleutian Trench is represented by the long chain of volcanoes that make up the Aleutian Islands.	The area is along several tectonic plates including the Pacific plate, Philippine Plate, Juan de Fuca plate, Cocos plate, Nazca plate, and North American plate. The movement of these plates or tectonic activity makes the area witness abundant earthquakes and tsunamis every year.

Context – There was an Earthquake along the Ring of Fire region

Q.57) Consider the following statements regarding 'Shyama Prasad Mukherji Rurban Mission (SPMRM)'

1. The scheme aims to bridge the rural-urban divide with respect to economic, technological and those related to facilities and services
2. It is a Centrally Sponsored Scheme which is now shared between the Centre and the State in a ratio of 60:40 for Plain area States and 75:25 for Himalayan and NE States
3. Ministry of Housing and Urban affairs is the nodal ministry for this mission

Select the correct statement(s)

- a) 1 only
- b) 1 and 2 only
- c) 2 and 3 only
- d) All the above

Q.57) Solution(a)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Correct	Incorrect	Incorrect
The objective of the Shyama Prasad Mukherji Rurban Mission (SPMRM) is to stimulate local economic development, enhance basic services, and create well planned Rurban clusters and to bridge the rural-urban divide with respect to economic, technological and those related to facilities and services	Upon being re-classified as a Centrally Sponsored Scheme which is now shared between the Centre and the State in a ratio of 60:40 for Plain area States and 90:10 for Himalayan and NE States	The Ministry of Rural Development is implementing Shyama Prasad Mukherji Rurban Mission (SPMRM) to deliver catalytic interventions to rural areas on the threshold of urban growth.

Context – The mission was in news

Q.58) The experiment will employ a powerful telescope positioned at 1.5 million kilometers from Earth at Lagrange 2 point where it intends to find out the origins of the universe and Earth-like planets beyond our solar system. The experiment in question refers to

- a) Event Horizon Telescope
- b) James Webb Telescope
- c) Chandra Telescope
- d) Hubble Telescope

Q.58) Solution(b)

James Webb Space Telescope is the world's most powerful space telescope which is headed to an outpost 1.5 million kilometres from Earth. It is expected to help scientists understand more about the origins of the Universe and Earth-like planets beyond our solar system. It is located at Lagrange 2 point and was chosen in part because it will keep the Earth, Sun and the Moon all on the same side of the sun shield.

Context – James Webb Telescope was launched.

Q.59) Consider the following statements regarding 'Tai Khamti' people

1. They follow Mahayana Buddhism and live in Arunachal Pradesh and Assam.
2. They waged a war against British much before the First War of Independence.

Choose the correct statements:

- a) 1 only
- b) 2 only
- c) Both 1&2
- d) Neither 1 nor 2

Q.59) Solution (b)

Statement Analysis:

Statement 1	Statement 2
Incorrect	Correct

The Tai Khamti people follow Theravada Buddhism and number a little more than 1,00,000 today live in areas straddling Arunachal Pradesh and Assam	They waged a war against British in 1839 much before the First War of India's Independence took place in 1857. It resulted in the death of 80 British soldiers including Col. Adam White
---	--

Context – Arunachal Pradesh's Chief Minister called this movement – 'The First War of Indian Independence'

Q.60) Consider the following statements with respect to Algo trading:

1. It is a computer assisted buying and selling of stocks
2. Mobile trading is a form of Algo trading
3. Algo trading strategy and programme should be approved by the Stock Exchange before they are deployed by traders

Which of the statements given above is/are correct?

- a) 1 and 2 only
- b) 2 only
- c) 1 only
- d) 1, 2 and 3

Q.60) Solution(d)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Correct	Correct	Correct
Algorithmic trading or Algo trading is computer assisted buying and selling of stocks. It is also known as automated or programmed trading since pre-programmed computer strategies execute buy and	Mobile trading is also a form of algo trading, where orders are executed via apps. Order execution without human intervention is an advanced form of algo trading.	Each algo strategy, whether used by broker or client, has to be approved by exchange and as is the current practice, each algo strategy has to be certified by Certified Information Systems Auditor

sell trades depending on set parameters, instructions or market pattern and conditions.		(CISA)/ Diploma in Information System Audit (DISA) auditors
---	--	---

Context – SEBI proposed to regulate Algo trading.

Q.61) Consider the following statements

1. Ken river and Betwa river are tributaries of Ganga
2. Ken river passes through Panna National Park
3. Ken Gharial Sanctuary was established for the conservation of Mugger and Gharial crocodiles

Which of the statements given above is/are correct?

- a) 1 and 2 only
- b) 3 only
- c) 2 and 3 only
- d) 2 only

Q.61) Solution(c)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Incorrect	Correct	Correct
The Ken River is one of the major rivers in the Bundelkhand region of central India and flows through the states of Madhya Pradesh and Uttar Pradesh. It is a tributary of the Yamuna. The Betwa is a river in Central and Northern India, and a tributary of the Yamuna. It	The Ken River passes through Panna National Park.	Ken Gharial Sanctuary is a wildlife sanctuary in Panna and Chhatarpur Districts of Madhya Pradesh, India. It was established for the conservation of gharial and mugger crocodile populations in 1981

rises in the Vindhya Range just north of Narmadapuram in Madhya Pradesh and flows northeast through Madhya Pradesh and Orchha to Uttar Pradesh.		
---	--	--

Context – Union Cabinet cleared Ken – Betwa river interlinking project.

Q.62) With reference to 'Pinaka Rocket Launcher System, consider the following statements

1. It has been designed jointly by India and Russia
2. It can fire 120 rockets in a span of 60 seconds

Choose the correct statements

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.62) Solution(d)

Statement Analysis:

Statement 1	Statement 2
Incorrect	Incorrect
Pinaka is a multiple rocket launcher produced in India and developed by the Defence Research and Development Organisation (DRDO) for the Indian Army.	New Pinaka ER gives it a range of around 70 km, over the 45 km existing range of the missile. Pinaka can fire a salvo of 12 rockets over a period of 44 seconds.

Context - Pinaka-ER Multi Barrel Rocket Launcher System (MBRLS) was successfully tested at Pokharan range.

Q.63) Consider the following statements with respect to Bharatiya Prakritik Krishi Paddhati Programme (BPKP):

1. BPKP is promoted under centrally sponsored scheme- Paramparagat Krishi Vikas Yojana (PKVY)
2. The scheme mainly emphasises on exclusion of all synthetic chemical inputs and promotes on-farm biomass recycling
3. Telangana is the first state to take up natural farming under BPKP programme

Which of the following statements is/are correct?

- a) 1 and 2 only
- b) 3 only
- c) 1 and 3 only
- d) 1, 2 and 3

Q.63) Solution(a)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Correct	Correct	Incorrect
Natural farming is promoted as Bharatiya Prakritik Krishi Paddhati Programme (BPKP) under centrally sponsored scheme- Paramparagat Krishi Vikas Yojana (PKVY). BPKP is aimed at promoting traditional indigenous practices which reduces externally purchased inputs.	The scheme mainly emphasises on exclusion of all synthetic chemical inputs and promotes on-farm biomass recycling with major stress on biomass mulching, use of cow dung-urine formulations and plant based preparations	Telangana has not taken up natural farming so far under BPKP programme.

Context – Zero Budget Farming was in news

Q.64) Consider the following statements regarding 'Indian Desert Cat'

1. It is listed as 'Vulnerable' in the IUCN Red List.
2. It inhabits desert regions and is also associated with scrub forests

Choose the correct statement(s)

- a) 1 Only
- b) 2 Only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.64) Solution (b)

Statement Analysis:

Statement 1	Statement 2
Incorrect	Correct
IUCN status is Least Concern.	The Asiatic wildcat inhabits the Thar Desert and is associated with scrub desert. It is found in arid and semi-arid regions of India which includes Gujarat, Rajasthan, Madhya Pradesh and Maharashtra

Context – Indian Desert Cat was spotted in Panna Tiger Reserve.

Q.65) 'Mikania', 'Lantana', 'Thrips' which was seen in news recently are

- a) Newly discovered plant variety in Eastern Ghats
- b) Species of Lichen
- c) Invasive alien species
- d) Crops used to produce biofuel

Q.65) Solution (c)

They are invasive alien species found in India.

Context – All these invasive alien species were in news.

Q.66) Which of the following pairs are correctly matched?

1. Operation Freely - Illegal trade of live birds
2. Operation Wetmark - Curb illegal trade in wild cat and wild bird species
3. Operation Birbil - Prohibition of sale of meat of wild animals

Select the correct code:

- a) 1 only
- b) 2 and 3
- c) 1 and 3
- d) All of the above

Q.66) Solution (a)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Correct	Incorrect	Incorrect
WCCB conducted "Operation Freely" on illegal trade of live birds and	"Operation Wetmark" was conducted to ensure prohibition of sale of meat of wild animals in wet markets across the country.	WCCB conducted "Operation Birbil" to curb illegal trade in wild cat and wild bird species

Context - According to the recent data by the Wildlife Crime Control Bureau (WCCB) and State Forest and Police Authorities, in the past three years (2018-2020), about 2054 cases were registered for killing or illegal trafficking of wild animals in India.

Q.67) Consider the following statements regarding Magnetars:

1. They have masses more than that of the Sun.
2. They are more luminous than the Sun.
3. Their rotation period is lesser than the Sun.

Choose the correct statements using the code given below

- a) 1 and 2 only
- b) 2 and 3 only

- c) 1 and 3 only
- d) All the above

Q.67) Solution(d)**Statement Analysis:**

Statement 1	Statement 2	Statement 3
Correct	Correct	Correct
Massive stars with masses around 10-25 times the mass of the sun eventually collapse and shrink to form very compact objects called neutron stars. A subset of these neutron stars become Magnetars.	Magnetars have high magnetic fields and they emit energy in the range of 10^{37} - 10^{40} joules per second. Compare this to the luminosity of the sun which is in the order of 10^{26} joules per second	They have breathtakingly high rotation speeds that can be just 0.3 to 12 seconds

Context – Study of magnetar revealed facets of exotic star.

Q.68) Consider the following statements regarding 'NITI Aayog Health Index'

1. It is part of report commissioned by NITI Aayog, the World Health Organization and Union Health and Family Welfare Ministry.
2. The Health Index score is prepared based on the States' performance across a large set of indicators that are divided into five broad domains.

Choose the incorrect statement(s):

- a) 1 only
- b) 2 only
- c) Both 1&2
- d) Neither 1 nor 2

Q.68) Solution (c)**Statement Analysis:**

Statement 1	Statement 2
Incorrect	Incorrect
It is part of a report commissioned by the NITI Aayog, the World Bank and Union Ministry of Health and Family Welfare	The Health Index score is prepared based on the States' performance across a large set of indicators that are divided into three broad domains- health outcomes, governance and information, key inputs and processes.

Q.69) Consider the following statements regarding 'Aurobindo Ghose'

1. He developed a spiritual practice he called Integral Yoga
2. He was a journalist who edited newspapers such as 'Kaal'
3. He was appointed the first principal of the National College in Calcutta, started to impart national education to Indian youth

Which of the following statement(s) given above is/are correct ?

- a) 1 only
- b) 1 and 3 only
- c) 2 and 3 only
- d) 1 and 2 only

Q.69) Solution(b)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Correct	Incorrect	Correct
At Pondicherry, Sri Aurobindo developed a spiritual practice he called Integral Yoga. The central theme of his vision was the evolution of human life into a divine life in divine body. He believed in a spiritual	Sri Aurobindo (born Aurobindo Ghose) was an Indian philosopher, yoga guru, maharishi, poet, and Indian nationalist. He was also a journalist, editing newspapers such as Bande Mataram	In 1906, Aurobindo was appointed the first principal of the National College in Calcutta, started to impart national education to Indian youth. He resigned from this position in August 1907, due

realisation that not only liberated but transformed human nature, enabling a divine life on earth		to his increased political activity.
---	--	--------------------------------------

Context - Prime Minister Narendra Modi is heading an extensive 53-member committee that has been set up to mark the 150th birth anniversary of spiritual leader Sri Aurobindo.

Q.70) 'Emergency Use Listing' is used in the context of

- a) Import of essential commodities during crisis
- b) Deployment of nuclear warheads
- c) Approval of new or unlicensed vaccines
- d) Contingency fund utilization during emergencies

Q.70) Solution(c)

Covovax is produced by the Serum Institute of India under license from Novovax, a US based Biotechnology Company. The vaccine has been approved by the World Health Organization (WHO) under its Emergency Use Listing.

Context – Corbevax and covovax was approved for emergency use listing.

Q.71) Consider the following statements with respect to 'Sahitya Akademi Awards'

1. The awards are given for works only in the languages listed in the 8th schedule
2. The awards which were instituted in 1954, were suspended only once.

Choose the correct statements:

- a) 1 only
- b) 2 only
- c) Both 1&2
- d) Neither 1 nor 2

Q.71) Solution(d)

Statement Analysis:

Statement 1	Statement 2
Incorrect	Incorrect
Akademi gives 24 awards annually to literary works in the languages it has recognized. Besides the 22 languages enumerated in the Constitution of India, the Sahitya Akademi has recognised English and Rajasthani as languages in which its programme may be implemented	The awards have not been suspended since its inception.

Context – Sahitya Akademi Awards were announced.

Q.72) 'SMILE', a scheme which is seen in news is related to

- Reporting child abuse
- To curb human trafficking
- Rehabilitate marginalized individuals
- Anti-drug campaign

Q.72) Solution(c)

Union Social Justice and Empowerment said it had formulated an umbrella scheme, SMILE (Support for Marginalised Individuals for Livelihood and Enterprise), that included two sub-schemes for the welfare of transgender persons and persons engaged in begging. The scheme will cover rehabilitation, provision of medical facilities, counselling, education, skill development and economic linkages.

Context - SMILE scheme was in news

Q.73) Consider the following statements regarding 'Treaty on the Non-Proliferation of Nuclear Weapons (NPT)'

1. All the permanent members of UN Security Council have ratified this treaty
2. The ratification of NPT is mandatory to become a part of Nuclear Suppliers Group(NSG)
3. A country can withdraw from the treaty by providing a six months of notice on extraordinary grounds

Choose the correct statements:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All the above

Q.73) Solution(a)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Correct	Correct	Incorrect
The permanent members of the United Nations Security Council: China, France, Russia, the United Kingdom, and the United States have ratified NPT.	The current guidelines of NSG state that a non-NPT state cannot become a member of NSG which keeps India out of the group.	Article X of the treaty establishes the right to withdraw from the Treaty giving 3 months' notice. It also establishes the duration of the Treaty (25 years before 1995 Extension Initiative).

Context – Nuclear powers vowed to halt the spread of nuclear weapons.

Q.74) Consider the following statements regarding 'S-Gene Target Failure Strategy'

1. The test checks for S-Gene and its absence indicates a negative result for COVID-19
2. It is one of the proxy indicators to diagnose COVID-19

Choose the correct statements:

- a) 1 Only
- b) 2 Only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.74) Solution(b)

Statement Analysis:

Statement 1	Statement 2
Incorrect	Correct
An S-gene failure does not mean a result is negative, only that the S gene was not detected.	The S-Gene dropout or as we say the S-gene target failure or SGTF is one of the proxy indicators to (ascertain) whether or not it is the Omicron variant. But this is not necessarily so as the ultimate diagnostic tool is distinct for gene mutation

Context – ICMR approved India made kit for the detection of COVID-19.

Q.75) With reference to Asian Infrastructure Investment Bank (AIIB), consider the following statements

1. AIIB has more than 100 members but none of them from North America
2. China is the largest share-holder and also has the highest voting powers.
3. English, Arabic and Chinese are the official languages

Choose the correct statements

- a) 1 and 2 only
- b) 2 only
- c) 2 and 3 only

d) 3 only

Q.75) Solution(b)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Incorrect	Correct	Incorrect
The bank currently has 105 members, including 16 prospective members from around the world. Canada is a member of AIIB while USA is not.	China is the largest shareholder with 26.61 % voting shares in the bank followed by India (7.6%), Russia (6.01%) and Germany (4.2 %). China also has the highest voting power.	English is the official language. There is no mention of Arabic.

Context – Ex RBI Governor Urjit Patel was appointed to the Board of Governors of Asian Infrastructure Investment Bank(AIIB).

Q.76) Consider the following statements regarding ‘Pangong Tso’ lake

1. It is a freshwater lake found in Eastern Ladakh.
2. It is under the Ramsar Convention as a wetland of international importance.

Choose the correct statements:

- a) 1 Only
- b) 2 Only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.76) Solution(d)

Statement Analysis:

Statement 1	Statement 2
Incorrect	Incorrect
Pangong Tso is an endorheic lake spanning eastern Ladakh and West Tibet situated at an elevation of 4,225 m (13,862 ft). The eastern	The lake is in the process of being identified under the Ramsar Convention as a wetland of international importance. This will be the

part of the lake is fresh, with the content of total dissolved solids at 0.68 g/L, while the western part of the lake is saline, with the salinity at 11.02 g/L. During winter the lake freezes completely, despite being saline water.	first trans-boundary wetland in South Asia under the convention.
---	--

Context – Pangong Tso lake was in news

Q.77) Consider the following statements regarding 'Competition Commission of India'

1. It is a statutory body which comes under the Ministry of Commerce and Industry
2. An appeal against the judgement of CCI goes to the High Court of the respective state

Choose the correct statements:

- a) 1 Only
- b) 2 Only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.77) Solution(d)

Statement Analysis:

Statement 1	Statement 2
Incorrect	Incorrect
The Competition Commission of India (CCI) is the chief national competition regulator in India. It is a statutory body within the Ministry of Corporate Affairs and is responsible for enforcing the Competition Act, 2002.	The Central Government has notified a Competition Appellate Tribunal (COMPAT) to hear and dispose of appeals against any direction issued or decision made or order passed by the Commission under specified sections of the Act.

Context – Competition Commission of India suspended Amazon's deal with Future Retail.

Q.78) Consider the following statements regarding 'Collective Security Treaty Organisation'

1. The Collective Security Treaty Organization is an intergovernmental military alliance in Eurasia that consists of select post-Soviet states
2. India is an observer at the CSTO
3. It is based on the principle of collective defence just like NATO

Choose the correct statements

- a) 1 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All the above

Q.78) Solution(c)**Statement Analysis:**

Statement 1	Statement 2	Statement 3
Correct	Incorrect	Correct
The Collective Security Treaty Organization is an intergovernmental military alliance in Eurasia that consists of select post-Soviet states. The members are Armenia, Belarus, Kazakhstan, Kyrgyzstan, Russia, and Tajikistan	India is not an observer at CSTO.	CSTO is a Russia-led military alliance that promotes the collective defence of any member that comes under external aggression.

Context – CSTO troops entered Kazakhstan to restore order.

Q.79) “Biofilms” can effectively be used in which of the following applications:

1. Medicine
2. Food fermentation
3. Photography
4. Fertilizer
5. Road construction

Choose the correct statements

- a) 1,3,4 Only
- b) 2,3,4 Only
- c) 1,2,4 Only
- d) All the above

Q.79) Solution(c)

Biofilms are a collective of one or more types of microorganisms that can grow on many different surfaces. Biofilms could be used for wide applications (antibacterial, food fermentation, biofertilizer, filtration, biofouling, prevention of corrosion, antimicrobial agents, wastewater treatment, bioremediation and microbial fuel cells) in food, agricultural, medical, environment and other fields.

Context – Breakthrough in the applications of Biofilms.

Q.80) Consider the following statements

1. Genetic changes can be introduced in the cells that produce eggs or sperms of a prospective parent.
2. A person’s genome can be edited before birth at the early embryonic stage.
3. Organs from a genetically modified pig can be transplanted into a human.

Choose the correct statements

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All the above

Q.80) Solution(d)**Statement Analysis:**

Statement 1	Statement 2	Statement 3
Correct	Correct	Correct
CRISPR genome editing tool can be used for accomplishing genetic changes	A person's genome can be edited before birth at the early embryonic stage	Recently, a heart from a genetically modified pig was transplanted into a human in USA.

Context – A heart from a genetically modified pig was transplanted into a human in USA recently

Q.81) Consider the following statements regarding 'National Commission for Safaikaramcharis(NCSK)'

1. It is a statutory body under the Ministry of Social Justice and Empowerment
2. It is entrusted with the implementation of Prohibition of Employment as Manual Scavengers and their Rehabilitation Act, 2013
3. 'Safaimitra Suraksha Challenge' was recently launched by NCSK aimed at preventing hazardous cleaning of sewers

Choose the correct answer using the code given below

- a) 1 and 3 only
- b) 2 only
- c) 2 and 3 only
- d) All the above

Q.81) Solution(b)**Statement Analysis:**

Statement 1	Statement 2	Statement 3
Incorrect	Correct	Incorrect
The National Commission for Safaikaramcharis was	The functions of NCSK are	On the occasion of World Toilet Day November 19,

<p>constituted as a statutory body in 1993. With the lapsing of the Act, the Commission is working as a non-statutory body under the Ministry of Social Justice and Empowerment.</p>	<ol style="list-style-type: none"> 1. Implementation of Prohibition of Employment as Manual Scavengers and their Rehabilitation Act, 2013. Enquire into complaints regarding contravention of the Act. 2. Giving recommendations to Government regarding specific programmes for welfare of SafaiKaramcharis 	<p>2020 Ministry of Housing and Urban Affairs (MoHUA) launched the Safaimitra Suraksha Challenge-2021. It is aimed at preventing hazardous cleaning of sewers and septic tanks and to promote mechanised cleaning.</p>
--	--	--

Context – Cabinet extended the tenure of NCSK for three years.

Q.82) Consider the following statements with respect to 'India State of Forests Report 2021'

1. Arunachal Pradesh has the largest forest cover as a percentage of their total geographical area
2. Soil Organic Carbon (SOC) represents the largest pool of carbon stock in forests
3. Madhya Pradesh has the highest bamboo bearing area in the country

Choose the correct answer using the code given below

- a) 1 only
- b) 2 only
- c) 2 and 3 only
- d) 1 and 3 only

Q.82) Solution(c)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Incorrect	Correct	Correct
The top five States in terms of forest cover as a percentage of their total geographical area were Mizoram (84.53%), Arunachal Pradesh (79.33%), Meghalaya (76.00%), Manipur (74.34%) and Nagaland (73.90%).	Soil Organic Carbon (SOC) represents the largest pool of carbon stock in forests followed by Above Ground Biomass(AGB) and Below Ground Biomass(BGB).	The total bamboo bearing area of the country has been estimated at 15 million ha. Madhya Pradesh has the highest bamboo bearing area of 1.84 million ha followed by Arunachal Pradesh(1.57 million ha) and Maharashtra(1.35 million ha)

Context – ISFR 2021 was released**Q.83) 'Operation Sard Hawa' conducted by Border Security Force is related to**

- a) Infiltration
- b) Drug trafficking
- c) Smuggling of goods
- d) Counterfeit currency

Q.83) Solution(a)

The Border Security Force (BSF) launched "Operation Sard Hawa" on the western international border of Rajasthan. The Operations aims to check the instances of infiltration due to the dense fog cover in the region and increase security on the border areas in Jaisalmer.

Context – The week-long operation has been launched on 21 January 2021 and will continue till 27 January 2021, keeping in view Republic Day of India.

Q.84) Consider the following statements regarding 'National Population Register'

1. It is conducted under the provisions of Census Act,1948
2. It is optional for a 'usual resident of India' to register in the NPR

Choose the correct statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.84) Solution(d)**Statement Analysis:**

Statement 1	Statement 2
Incorrect	Incorrect
It is conducted as per the provisions of Citizenship Act,1955 and Citizenship(Registration of Citizens and issue of National Identity Cards) Rules,2003.	It is mandatory for every usual resident of India to register in the NPR.

Context – Census and NPR were put off till September 2022**Q.85) Consider the following Pairs:**

Pass vs state

1. Kongra La: Sikkim
2. Shipki La: Himachal Pradesh
3. Bum La: Ladakh

Choose the correct pairs:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All the above

Q.85) Solution(a)**Statement Analysis:**

Statement 1	Statement 2	Statement 3
Correct	Correct	Incorrect
Kongra La is a pass in North Sikkim and has an elevation of 5122 metres.	Shipki La is a mountain pass located in Kinnaur district in the state of Himachal Pradesh. The river Sutlej, which is called Langqên Zangbo in Tibet, enters India (from Tibet) near this pass	The Bum La Pass is a border pass between Tibet's Cona County and India's Tawang district in Arunachal Pradesh.

Context – Line of Actual Control was in news.

Q.86) Consider the following statements regarding 'Smart cities and Academia Towards Action & Research (SAAR) Program'

1. Institutes selected under this program will offer academic help to eliminate all the shortfalls in projects coming under smart cities mission
2. It is a joint initiative of Ministry of Housing and Urban affairs and NITI Aayog

Select the correct statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.86) Solution(d)

Statement Analysis:

Statement 1	Statement 2
Incorrect	Incorrect
Under the program, 15 premier architecture & planning institutes of the country will be working with Smart Cities to document landmark projects undertaken by the Smart Cities Mission	It is a joint initiative of Ministry of Housing and Urban Affairs (MoHUA), National Institute of Urban Affairs(NIUA) and leading Indian academic institutions of the country

Context – The program was launched recently

Q.87) With reference to Zero Budget Natural Farming, consider the following statements

1. It is a natural farming technique in which farming is done without use of chemicals or spending any money on purchased inputs
2. There are five pillars under this natural farming method
3. It was first announced in union budget in 2016.

Choose the correct statement(s)

- a) 1 only
- b) 1 and 2 only
- c) 2 and 3 only
- d) 1 and 3 only

Q.87) Solution(a)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Correct	Incorrect	Incorrect
It is a natural farming technique in which farming is done without use of chemicals and without using any credits or spending any money on purchased inputs. It was originally promoted by Maharashtra agriculturist and Padma Shri recipient Subhash Palekar, who developed it in the mid-1990s as an alternative to the Green Revolution.	The four pillars of ZBNF are: Jivamrita/jeevamrutha Bijamrita/beejamrutha Acchadana – mulching Whapasa – moisture	ZBNF was mentioned in two budget speeches of the Central government in 2019-20 and 2020-21.

Context - Indian Council of Agricultural Research (ICAR) committee predicted that ZBNF would result in reduction in production of agricultural crops.

Q.88) 'Global Risks Report' was released by

- a) World Trade Organization
- b) United Nations Conference on Trade and Development
- c) World Economic Forum
- d) International Monetary Fund

Q.88) Solution(c)

The Report is released annually by the World Economic Forum (WEF). It is based on Global Risks Perception Survey (GRPS) and highlights key risks emanating across five categories: Economic, Environmental, Geopolitical, Societal, and Technological.

Context – The report was published.

Q.89) Consider the following statements regarding 'Developing Country' status at World Trade Organization

1. There are no WTO definitions of "developed" or "developing" countries.
2. About half of the WTO's members are developing countries.
3. The Committee on Trade and Development is the main body focusing on developing countries
4. Both GATT and the General Agreement on Trade in Services (GATS) allow developing countries some preferential treatment.

Select the correct answer using the code given below

- a) 1 and 2 only
- b) 1, 3 and 4 only
- c) 1 and 3 only
- d) 2, 3 and 4 only

Q.89) Solution(b)

Statement Analysis:

Statement 1	Statement 2	Statement 3	Statement 4
Correct	Correct	Incorrect	Correct

There are no WTO definitions of “developed” or “developing” countries. Developing countries in the WTO are designated on the basis of self-selection although this is not necessarily automatically accepted in all WTO bodies.	About two thirds of the WTO's around 164 members are developing countries.	The Committee on Trade and Development is the main body focusing on work in this area in the WTO, with some others dealing with specific topics such as trade and debt, and technology transfer	Both GATT and the General Agreement on Trade in Services (GATS) allow developing countries some preferential treatment.
---	--	---	---

Context – China's status as a 'developing country' was questioned at WTO.

Q.90) Consider the following statements

1. Parliament/Legislature of a state does not have the power to suspend a member for an indefinite period of time
2. The Representation of People's Act, 1951 states that if for a period of 60 days, a member of a House, without its permission, is absent from all meetings, the House may declare his or her seat vacant

Choose the correct statements

- a) 1 Only
- b) 2 Only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.90) Solution(a)

Statement Analysis:

Statement 1	Statement 2
Correct	Incorrect

Supreme Court recently said that the House cannot suspend a Member beyond 59 days. Suspension of the MLAs would amount to punishing the constituencies as a whole.	Article 190 (4) of the Constitution which says that if for a period of 60 days, a member of a House, without its permission, is absent from all meetings, the House may declare his or her seat vacant
--	--

Context – Supreme Court made the observation recently in a case related to Maharashtra MLA's.

Q.91) Consider the following statements with respect to 'Chip to Start up Programme'?

1. The Programme aims to nurture at least 20 domestic companies involved in semiconductor design and facilitating them to achieve turnover of more than ₹1500 Crore in the next 5 years.
2. C-DAC (Centre for Development of Advanced Computing) is going to serve as the nodal agency for this programme
3. It was announced as part of Atmanirbhar Bharat 3.0

Which of the following statement(s) given above is/are correct

- a) 1, 2 and 3
- b) 2 only
- c) 3 only
- d) 1 and 3 only

Q.91) Solution(b)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Incorrect	Correct	Incorrect
The Chips to Startup (C2S) Programme aims to train 85,000 number of high-quality and qualified engineers in the area of Very large-scale integration (VLSI) and Embedded System	C-DAC (Centre for Development of Advanced Computing), a scientific society operating under MeitY, will serve as the nodal agency for the programme.	It was announced recently and not as a part of Atmanirbhar Bharat 3.0 package.

Design as well as result in development of 175 ASICs (Application Specific Integrated Circuits), Working Prototypes of 20 System on Chips (SoC) and IP Core repository over a period of 5 years		
---	--	--

Context – The program was announced recently.

Q.92) 'Hyderabad Declaration' seen in news recently is related to

- a) e-Governance
- b) Protection of monuments
- c) Health care
- d) Road safety

Q.92) Solution(a)

24th National e-Governance conference unanimously adopted the Hyderabad declaration. The Conference was jointly held by Ministry of Electronics & Information Technology (MeitY), Department of Administrative Reforms & Public Grievances, in collaboration with Telangana Government.

Context – The conference was recently held.

Q.93) Consider the following statements regarding 'Biodivercities by 2030'

1. It aims to support city governments, businesses and citizens, to enable cities to live in harmony with nature by 2030
2. It is released by World Economic Forum in collaboration with United Nations Development Programme
3. The programme employs Artificial Intelligence to address challenges related to nature and cities

Choose the correct answer using the code given below

- a) 1 only
- b) 1 and 2 only
- c) 2 and 3 only
- d) 1 and 3 only

Q.93) Solution(d)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Correct	Incorrect	Correct
It aims to support city governments, businesses and citizens, to enable cities to live in harmony with nature by 2030. The initiative brings together multidisciplinary expertise, combines existing initiatives and surfaces innovative solutions to promote sustainable, inclusive and nature-positive urban development at a global scale.	The BiodiverCities by 2030 initiative is convened in collaboration with the World Economic Forum and the Government of Colombia.	The initiative uses artificial intelligence and crowdsourcing technologies through the Forum's Strategic Intelligence and Uplink platforms, collecting up-to-date online content and building a community of innovators and entrepreneurs to address the world's most pressing challenges on nature and cities.

Context – The report was launched by World Economic Forum recently

Q.94) Consider the following statements regarding 'Climate Hazards and Vulnerability Atlas of India'

1. The atlas provides a range of vulnerability with risks ranging from nil, low, moderate, high and very high categories for every Indian district
2. It was released by India Meteorological Department under Ministry of Science and Technology

Choose the correct statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.94) Solution(a)

Statement Analysis:

Statement 1	Statement 2
Correct	Incorrect
The atlas provides a range of vulnerability with risks ranging from nil, low, moderate, high and very high categories for every Indian district. Atlas is based on several extreme weather events (extreme rainfall, drought, coldwave, heatwave, thunderstorm, cyclones, lightning etc) and the risks they pose to the local population, livelihoods and economy of each district	It was released by India Meteorological Department under Ministry of Earth Sciences

Context – It was launched recently

Q.95) Consider the following statements

1. Sankaracharya propagated 'Dvaita Vedanta' and 'Dashanami Sampradaya
2. Brahman is the highest reality is the central theme of Sankaracharya's writings

Choose the INCORRECT statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.95) Solution(c)**Statement Analysis:**

Statement 1	Statement 2
Incorrect	Incorrect
Sankaracharya propagated 'Advaita Vedanta' and 'Dashanami Sampradaya'. According to his philosophy, Brahman - the ultimate, transcendent and immanent God of the latter Vedas - appears as the world because of its creative energy (māyā). The world has no separate existence apart from Brahman.	Brahman is the highest reality is the central theme of Nimbarka's writings

Context – The birthplace of Sankaracharya is going to be declared a national monument soon.

Q.96) Consider the following statements with respect to 'Vikas Engine'

1. It is a liquid fuelled rocket engine used in PSLV, GSLV Mark I and II and also in GSLV Mark III
2. The engine uses Unsymmetrical dimethylhydrazine (UDMH) as oxidizer and Nitrogen tetroxide (N₂O₄) as fuel

Choose the correct statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.96) Solution(a)**Statement Analysis:**

Statement 1	Statement 2
Correct	Incorrect
Vikas engine is used to power the second stage of PSLV, boosters and second stage of GSLV Mark I and II and also the core stage of GSLV Mark III. The propellant loading for Vikas engine in PSLV, GSLV Mark I and II is 40 tons, while in GSLV Mark III is 55 tons.	The engine uses up about 40 metric tons of Unsymmetrical dimethylhydrazine (UDMH) as fuel and Nitrogen tetroxide (N ₂ O ₄) as oxidizer with a maximum thrust of 725 kN.

Context - The Indian Space & Research Organisation (Isro) successfully test-fired the Vikas engine that will power the ambitious Gaganyaan mission into space.

Q.97) Consider the following statements regarding 'Committee on Privileges'

1. It is a Parliamentary Committee present in both the Houses of the Parliament
2. The functions of the Committee of Privileges are semi-judicial in nature
3. The Chairperson of the Rajya Sabha heads the committee in Rajya Sabha.

Choose 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

Q.97) Solution(a)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Correct	Correct	Incorrect
Privileges Committee is a Parliamentary Committee present in both the Houses of the Parliament. It is one of the Standing Committees to Inquire	The functions of the Committee of Privileges are semi-judicial in nature. It examines the cases of breach of privileges of the House and its members and recommends appropriate action.	The Speaker of the Lok Sabha heads the committee of privileges, and nominates the members as per respective party strengths. The Deputy Chairperson of the Rajya Sabha heads the committee in RS.

Context – The committee was in news

Q.98) With reference to 'Eastern Swamp Deer', consider the following statements

1. It is the largest sub-species of the Swamp Deer family
2. It is listed in the IUCN Red Data Book as a threatened species

Choose the correct statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.98) Solution(d)

Statement Analysis:

Statement 1	Statement 2
Incorrect	Incorrect
<p>There are three subspecies of Barasingha found in India –</p> <ol style="list-style-type: none"> 1. Wetland Barasingha (Rucervus duvaucelii duvaucelii) - The largest among all the swamp deer of India 2. Hard-ground Barasingha (Rucervus duvaucelii branderi) 3. Eastern Barasingha (Rucervus duvaucelii ranjitsinhii). Eastern swamp deer is the smallest of Barasinghas. 	<p>It is listed in the IUCN Red Data Book as an endangered species.</p>

Context – There was a dip in the population of Eastern Swamp Deer in Kaziranga National Park.

Q.99) 'SAMARTH', a scheme recently seen in news is related to

- a) Strengthening local governance
- b) Fiscal consolidation
- c) Electric-Vehicle infrastructure
- d) Biomass utilization

Q.99) Solution(d)

SAMARTH stands for Sustainable Agrarian Mission on use of Agro Residue in Thermal Power Plants. It is emerging that the efforts of the Government in transforming the problem of stubble burning into a solution of power production with lower carbon footprints, would continue to bear fruit with the active participation of Farmers, Pellet manufacturers and power plants in the country. This would yield additional income for farmers. It is going to play a big role towards clean energy transition of the country.

Context – The mission was launched recently

Q.100) Consider the following statements regarding 'mRNA vaccines'

- 1. These vaccines are non-infectious.
- 2. They provide cellular immunity as well as humoral immunity.
- 3. They are stable over a vast range of temperature.
- 4. The vaccine can be administered both by ex-vivo and in-vivo methods

Choose the correct statements

- a) 1 and 2 only
- b) 2 and 4 only
- c) 1, 2 and 4 only
- d) 2, 3 and 4 only

Q.100) Solution(c)

Statement Analysis:

Statement 1	Statement 2	Statement 3	Statement 4
Correct	Correct	Incorrect	Correct
mRNA vaccines are not constructed from an active pathogen (or even an inactivated pathogen), they are non-infectious. In contrast, traditional vaccines require the production of pathogens, which, if done at high volumes, could increase the risks of localized outbreaks of the virus at the production facility	Biological advantage of mRNA vaccines is that since the antigens are produced inside the cell, they stimulate cellular immunity, as well as humoral immunity. Humoral immunity protects the body against extracellular pathogens and their toxins. Cell-mediated immunity protects the body against intracellular pathogens.	mRNA is fragile, some vaccines must be kept at very low temperatures to avoid degrading and thus giving little effective immunity to the recipient.	The vaccine can be administered by ex-vivo as well as in-vivo methods. The simplest way that ex vivo dendritic cells take up mRNA molecules is through endocytosis, a fairly inefficient pathway in the laboratory setting that can be significantly improved through electroporation.

Context – mRNA vaccines were in news.

Q.101) Consider the following statements regarding 'Hoysala architecture'

1. Soft soapstone was the main building material
2. It contains elements of Nagara architecture
3. It is also influenced by 'Bhumija' mode of Central India

Choose the correct statements

- a) 1 only
- b) 2 and 3 only
- c) 1 and 2 only
- d) All the above

Q.101) Solution(d)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Correct	Correct	Correct
Hoysala architecture is characterised by a complex profusion of sculpture decorating all the temple parts chiselled of soft soapstone (chloritic schist), a good material for intricate carving, executed mostly by local craftsmen, and exhibit architectural features that distinguish them from other temple architectures of South India	The Hoysala architects used their profound knowledge of temple architecture in different parts of India, and these temples have a basic Dravidian morphology but show strong influences of the the Nagara traditions of Northern and Western India, and the Karntata Dravida modes favoured by the Kalyani Chalukyas	Hoysala architecture also shows influence of Bhumija mode widely used in Central India.

Context – Hoysala architecture was nominated for world heritage tag

Q.102) Consider the following statements regarding 'Prime Minister's Development Initiative For North-East (PM-DevINE)' scheme

1. It will fund infrastructure and social development projects in the North-Eastern region
2. Ministry of Development of North Eastern Region will implement the scheme

Choose the correct statements

- a) 1 Only
- b) 2 Only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.102) Solution(a)

Statement Analysis:

Statement 1	Statement 2
Correct	Incorrect
The scheme will fund infrastructure, in the spirit of PM GatiShakti, and social development projects based on felt needs of the North-East. This will enable livelihood activities for youth and women, filling the gaps in various sectors.	PM-DevINE will be implemented through the North-Eastern Council. An initial allocation of Rs. 1,500 crore will be made for the new scheme.

Context – This scheme was announced in the Union Budget.

Q.103) 'Shivay , Siddhi , Pravega ' seen in news recently are

- Drone prototypes
- Expeditions to polar regions
- Supercomputers
- Genetically modified varieties of maize

Q.103) Solution(c)

Shivay, Siddhi, Pravega are super computers under PARAM series. PARAM also stands for Parallel machine.

Context – The supercomputers were recently commissioned.

Q.104) Consider the following applications

- Dumping fly ash
- Pisciculture
- Afforestation
- Drinking water storage
- Eco and mine tourism

Which of the above activities can be done by making use of abandoned coal mines?

- 1, 3 and 5 only
- 1, 2 and 5 only

- c) 1, 2, 3 and 5 only
- d) All the above

Q.104) Solution(d)

Abandoned coal mines are used for the following purposes:

1. Dumping /Filling of fly ash in to the worked out area for suitable reclamation.
2. Development of eco and mine tourism parks
3. Afforestation
4. Pisciculture
5. Source to supply of drinking water and other domestic use.
6. Generation of sand from overburden of opencast mines at few places

Context – This information was given by Minister of Coal, Mines and Parliamentary Affairs Shri Pralhad Joshi in a written reply in Rajya Sabha

Q.105) Consider the following statements regarding Coastal Vulnerability Index (CVI)

1. Indian National Centre for Ocean Information Services (INCOIS) which comes under Ministry of Earth Sciences has brought out Coastal Vulnerability Index(CVI)
2. According to this survey, Gujarat's coast is going to be the most affected by terms of percentage
3. CVI determine the coastal risks due to future sea-level rise based on the physical and geological parameters for the Indian coast

Choose the correct statements

- a) 1 Only
- b) 1 and 2 only
- c) 2 and 3 only
- d) All the above

Q.105) Solution(a)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Correct	Incorrect	Incorrect
Indian National Centre for Ocean Information Services (INCOIS) which comes under Ministry of Earth Sciences has brought out Coastal Vulnerability Index(CVI)	It can be delineated that Gujarat's 124 coastal kilometers is going to get affected or 5.36%, Maharashtra 11 km or 1.22% and then Karnataka & Goa 48 km or 9.54%, Kerala 15 km or 2.39%, Tamil Nadu 65 km or 6.38%, Andhra Pradesh 6 km or 0.55 %, Odisha 37 km or 7.51% West Bengal 49 km or 2.56%, Lakshadweep Islands 1 km or 0.81%, Andaman Islands 24 km or 0.96km and Nicobar Islands 8 km or 0.97%. It is terms of length that Gujarat's coast is going to be affected	While the maps determine the coastal risks due to future sea-level rise based on the physical and geological parameters for the Indian coast, the CVI uses the relative risk that physical changes will occur as sea-level rises are quantified based on parameters like: tidal range; wave height; coastal slope; coastal elevation; shoreline change rate; geomorphology; and historical rate of relative sea-level change

Context – CVI was released

Q.106) Consider the following pairs

Region : Country

1. Donbas: Ukraine
2. Transnistria: Moldova
3. Vilnius: Belarus

Which of the pair(s) is/are correctly matched ?

- a) 1 Only
- b) 1 and 2
- c) 2 and 3
- d) 3 Only

Q.106) Solution(b)**Statement Analysis:**

Statement 1	Statement 2	Statement 3
Correct	Correct	Incorrect
Donbas is a region in eastern Ukraine	Transnistria is a breakaway region of Moldova	Vilnius is the capital of Lithuania.

Context – The places were in news due to Russia-Ukraine war.

Q.107) Consider the following statements

1. Star campaigners are nominated by political parties to campaign in a given set of constituencies for a specified duration
2. Expenditure incurred on campaigning by such notified star campaigners is exempt from being added to the election expenditure of a candidate
3. List of star campaigners must be communicated to Chief Electoral Officer and ECI under Representation of People Act (RPA), 1950

Choose the correct statement(s) using the code given below

- a) 1 and 2 only
- b) 1 only
- c) 2 and 3 only
- d) 2 only

Q.107) Solution(a)**Statement Analysis:**

Statement 1	Statement 2	Statement 3
Correct	Correct	Incorrect
Star campaigners are nominated by political parties to campaign in a given set of constituencies	Expenditure incurred on campaigning by such notified star campaigners is exempt from being added to the	List of star campaigners must be communicated to Chief Electoral Officer and ECI within a week from the

for a specified duration. A recognised political party can have 40 Star campaigners and an unrecognised (but registered) political party can have 20	election expenditure of a candidate. But, If a candidate or his/her election agent shares stage with a star campaigner at a rally, then the entire expenditure on that rally, other than the travel expenses of star campaigner, is added to candidate's expenses	election notification date under section 77(1) of Representation of People Act (RPA), 1951. There is no law that defines who can be a star campaigner.
--	---	--

Context – Election Commission of India restored the limit on star campaigners.

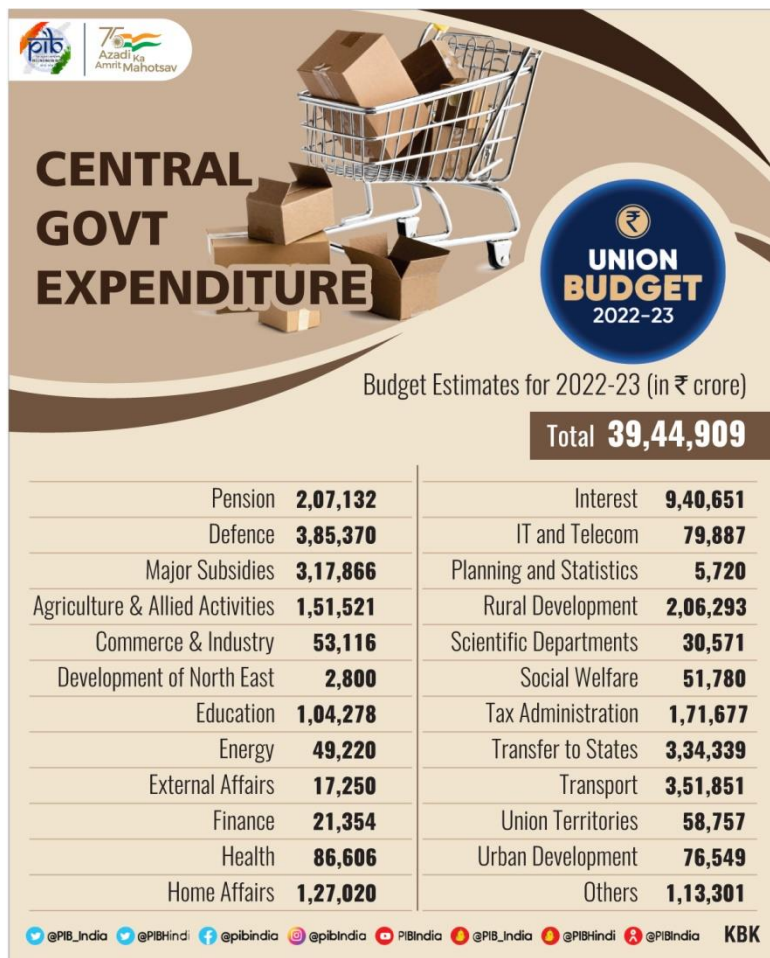
Q.108) Arrange the following items in the increasing order of their expenditure according to Union Budget 2022-23.

1. Interest payments
2. Transfer to states
3. Health
4. Transport

Select the appropriate code

- a) 2-3-4-1
- b) 3-4-2-1
- c) 3-2-4-1
- d) 4-3-1-2

Q.108) Solution(c)



Context – Union Budget was announced for 2022-23.

Q.109) Consider the following statements

1. SWIFT is a financial network used by banks and financial institutions globally that provides safe and secure transfer of money between different countries
2. SWIFT ID code or a Bank Identification Code is an unique number that identifies not only the bank name but the country, city, and branch

Choose the correct statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.109) Solution(b)**Statement Analysis:**

Statement 1	Statement 2
Incorrect	Correct
SWIFT is a messaging network used by banks and financial institutions globally that provides safe and secure exchange of information pertaining to financial transactions. SWIFT is merely a platform that sends messages and does not hold any securities or money	The SWIFT code is a format of your BIC (Bank Identification Code), and the two terms are used interchangeably. SWIFTs or BICs are unique identification codes for the particular bank that holds your account. These codes are used to transfer money between banks, in particular for wire transfers or SEPA payments. There are four components to a standard SWIFT/BIC code, these include: Bank code Country code Location code Occasionally the branch code may be included but this is optional

Context – Russian banks were removed from SWIFT network**Q.110) Consider the following statements with respect to 'Green Hydrogen'**

1. Green Hydrogen is the most advantageous zero-carbon fuel based on several environmental factors
2. Green Hydrogen has very high energy density which is almost twice as that of hydrocarbons, making it an efficient source of energy
3. Green Hydrogen policy was notified by Ministry of New and Renewable Energy recently

Choose the correct answer using the code given below

- a) 1 only
- b) 2 and 3 only
- c) All the above
- d) None of the above

Q.110) Solution(d)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Incorrect	Incorrect	Incorrect
Green ammonia, closely followed by green hydrogen, strikes the most advantageous balance of favorable features among a range of different zero-carbon candidate bunker fuels including biofuels, hydrogen, ammonia and synthetic carbon-based fuels. Specifically, these crucial features relate to the fuels' lifecycle GHG emissions, broader environmental factors, scalability, economic viability, and the technical and safety implications of using these fuels.	Green Hydrogen has very high energy density (120 MJ/Kg), almost 3 times of hydrocarbons, making it an efficient source of energy.	Ministry of Power notified the first part of the Green Hydrogen/Green Ammonia Policy to enable production of Green Hydrogen/Green Ammonia using Renewable Sources of Energy

Context – Green Hydrogen policy was notified recently**Q.111) Consider the following statements regarding 'National Land Monetisation Corporation'**

1. It is set up as a public private partnership with Government retaining management control
2. NLMC will own, hold, manage and monetise surplus land and building assets of CPSEs
3. It is an autonomous body set up under the Ministry of Corporate Affairs

Select the correct statement/s given above

- a) 1 and 2 only
- b) 2 only
- c) 1 and 3 only

d) All the above

Q.111) Solution(b)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Incorrect	Correct	Incorrect
NLMC was first proposed in the Union Budget 2021-22. NLMC will be set up as a wholly-owned Government of India company.	NLMC will own, hold, manage and monetise surplus land and building assets of CPSEs under closure and surplus non-core land assets of Government-owned CPSEs under strategic disinvestment.	NLMC will be under the administrative jurisdiction of the Department of Public Enterprise, Ministry of Finance. NLMC's initial authorized share capital will be ₹5000 crores and paid-up share capital is ₹150 crore

Context – Government set up NLMC recently.

Q.112) Consider the following statements regarding 'IUCN Green List'

1. Its objective is to provide a global benchmark to assess whether protected and conserved areas are achieving successful conservation outcomes
2. Green Status assessments are an alternative to extinction risk assessments through the IUCN Red List
3. Kaziranga National Park recently became the first Indian site to enter this list

Select the correct answer using the code given below

- a) 1 only
- b) 2 only
- c) 1 and 3 only
- d) 2 and 3 only

Q.112) Solution(a)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Correct	Incorrect	Incorrect
The objective is to provide a global benchmark to assess whether protected and conserved areas are achieving successful conservation outcomes through effective and equitable governance and management.	Green Status assessments are not an alternative to extinction risk assessments through the IUCN Red List, but provide complementary information.	59 sites in 16 countries are part of this list. No Indian site is currently part of this list.

Context – Few sites in Europe became a part of IUCN Green list.

Q.113) Consider the following statements regarding 'River Cities Alliance'

1. It is a global initiative launched under the aegis of World bank and UN-Water
2. The Alliance is open to all river cities of India

Choose the correct statements

- a) 1 Only
- b) 2 Only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.113) Solution(b)

Statement Analysis:

Statement 1	Statement 2
Incorrect	Correct
The River Cities Alliance (RCA) has been launched by Ministry of Jal Shakti along with the Ministry of Housing and Urban Affairs with the objective to provide the member	The Alliance is open to all river cities of India. Any river city can join the Alliance at any time.

cities with a platform to discuss and exchange information on aspects that are vital for sustainable management of urban rivers, sharing best practices and supporting innovation.	
--	--

Context – River cities alliance was launched

Q.114) 'World Sustainable Development Summit' is conducted by

- a) UNFCCC
- b) United Nations Environment Programme
- c) World Economic Programme
- d) The Energy and Resources Institute

Q.114) Solution(d)

World Sustainable Development Summit is The Energy and Resources Institute (TERI)'s annual flagship event. The theme for this year's Summit is 'Towards a Resilient Planet: Ensuring a Sustainable and Equitable Future'. The Summit will discuss a wide range of issues including climate change, sustainable production, energy transitions, global commons and resource security.

Context – It was released recently

Q.115) Consider the following statements regarding 'Groundwater extraction guidelines announced by Central Ground Water Authority'

1. Mandatory requirement of applying for NOC for new and existing industries, group housing societies, and private water supply tankers
2. Agricultural activities are exempted from NOC requirements

Select the correct statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.115) Solution(c)**Statement Analysis:**

Statement 1	Statement 2
Correct	Correct
Mandatory requirement of applying for NOC for new and existing industries, group housing societies, and private water supply tankers.	There are five categories exempted from NOC requirements include Domestic consumers; rural drinking water supply schemes; Armed Forces Establishments and Central Armed Police Forces; agricultural activities; MSMEs drawing 10 cubic metre/day

Context – National Green Tribunal took criticized the existing groundwater extraction guidelines issued by CGWA.

Q.116) Consider the following statements regarding 'One Ocean Summit' which took place recently

1. International Seabed Authority has announced that the entire seabed will be mapped by 2030
2. One Ocean Summit was organized by UNESCO in collaboration with United Nations and World Bank
3. The objective is to mobilize international community to take tangible action towards preserving and supporting healthy and sustainable ocean ecosystems

Choose the correct statement(s) using the code given below

- a) 1 and 3 only
- b) 2 and 3 only
- c) 3 only
- d) All the above

Q.116) Solution(c)**Statement Analysis:**

Statement 1	Statement 2	Statement 3
Incorrect	Incorrect	Correct
At One Ocean Summit (OOS), UNESCO has announced that at least 80% of the seabed will be mapped by 2030.	The summit was organized by France (as part of French presidency of Council of the European Union) in cooperation with United Nations and World Bank.	The objective of the summit is to mobilize international community to take tangible action towards preserving and supporting healthy and sustainable ocean ecosystems

Context – The summit was held recently

Q.117) With reference to 'Rejuvenating Watersheds for Agricultural Resilience through Innovative Development (REWARD) Project'

1. The project aims to improve the capacities of the state and the central institutions so that they can deliver better watershed management
2. It is a joint initiative of the Department of Land Resources, Ministry of Jal Shakti in association with the World Bank.

Choose the correct statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.117) Solution(a)

Statement Analysis:

Statement 1	Statement 2
Correct	Incorrect
The project aims to improve water and land conservations as well as preventing soil run-off, harvesting rainwater, regenerating	This project is a joint initiative of the Department of Land Resources, Ministry of

natural vegetation, and replenishing the groundwater table. It also aims to improve the capacities of the state and the central institutions so that they can develop and deliver better watershed management and development programs.	Rural Development in association with the World Bank.
---	---

Context - The World Bank, the Government of India, the State Governments of Karnataka, and Odisha, have signed a USD 115 million deal for the Rejuvenating Watersheds for Agricultural Resilience through Innovative Development Programme.

Q.118) Consider the following statements regarding 'Medaram Jatra'

1. Medaram Jatara is the second-largest fair of India celebrated by the the Koya tribe
2. It is also the state festival of Telangana.
3. It is the only tribal festival with vedic or brahmanic influence

Choose the correct statements

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All the above

Q.118) Solution(a)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Correct	Correct	Incorrect
Medaram Jatara is the second-largest fair of India, after the Kumbh Mela, celebrated by the second-largest Tribal Community of Telangana- the Koya tribe for four days.	Sammakka Saralamma Jathara or Medaram Jathara is a tribal festival of honouring the goddesses celebrated in the state of Telangana, India. The Sammakka Saralamma	People offer bangaram/gold (jaggery) of a quantity equal to their weight to the goddesses and take holy bath in Jampanna Vagu (stream). It is a festival with no vedic or brahmanic influence.

	Jathara is a State Festival of Govt. of Telangana	
--	---	--

Context – The festival was recently celebrated.

Q.119) Consider the following statements with respect to 'Marine Heat Waves'

1. They have been recorded in surface and deep waters in all types of marine ecosystems except high latitudes
2. The average temperatures of the ocean surface up to a depth of 1000 feet goes 15-17 degrees Celsius above normal

Choose the correct statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.119) Solution(d)

Statement Analysis:

Statement 1	Statement 2
Incorrect	Incorrect
Marine Heat Waves have been recorded in surface and deep waters in all types of marine ecosystems across all latitudes.	During a Marine Heat Wave, the average temperatures of the ocean surface up to a depth of 300 feet goes 5-7 degrees Celsius above normal.

Context - Frequent marine heatwaves in Indian Ocean disrupt India's monsoon according to a report.

Q.120) 'Angadias' a term seen in news is a

- a) Particularly Vulnerable Tribal group
- b) Banking system
- c) Cultivation method

d) Art form

Q.120) Solution(b)

It is a century-old parallel banking system in the country where traders send cash generally from one state to another through a person called Angadia that stands for courier. It is used largely in jewellery business. The cash involved is huge and it is the responsibility of the Angadia to transfer cash from one state to another for which they charge a nominal fee.

Context – They were in news.

Q.121) Consider the following statements regarding 'Inter-operable Criminal Justice Project (ICJS)'

1. Ministry of Law and Justice has approved implementation of ICJS project Phase II as a Central Sector Scheme
2. Phase-I was built on the principle of 'one data one entry' whereby data is entered only once in one pillar and same is available on all other pillars
3. E-Committee of the Supreme Court will be responsible for the implementation of ICJS in association with National Informatics Center

Choose the correct statement(s) using the code given below

- a) 1 only
- b) 2 and 3 only
- c) 3 only
- d) None of the above

Q.121) Solution(d)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Incorrect	Incorrect	Incorrect
Ministry of Home Affairs has approved implementation of ICJS project Phase II during	Phase-II is built on the principle of 'one data one entry' whereby data is entered only once in one	National Crime Records Bureau will be responsible for the implementation of ICJS in association with

2022-23 to 2025-26 as a Central Sector Scheme.	pillar and the same is then available in all other pillars. Under Phase-I, individual IT systems have been implemented and stabilized.	National Informatics Center, in collaboration with States and UTs.
--	--	--

Context – The project was recently approved.

Q.122) With respect to the latest guidelines regarding 'Extended Producer Responsibility', consider the following statements

1. The guidelines allow for the sale and purchase of surplus extended producer responsibility certificates
2. The producers, importers and brand-owners (PIBO) have to provide the details of recycling certificates from registered recyclers only
3. They were notified under the provisions of Environment Protection Act,1986

Choose the correct statement(s) using the code given below

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) All the above

Q.122) Solution(d)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Correct	Correct	Correct
The guidelines allow for the sale and purchase of surplus extended producer responsibility certificates. Thus, setting up a market mechanism for plastic waste management	The producers, importers and brand-owners (PIBO) have to provide the details of recycling certificates only from registered recyclers along with the details of quantity sent for end-of-life disposal, of next financial	In exercise of the powers conferred by sections 3, 6, and 25 of the Environment (Protection) Act 1986 (29 of 1986), the Central Government made the following rules further to amend the Plastic Waste

	year while filing annual returns on the online portal.	Management Rules, 2016. These rules may be called the Plastic Waste Management (Amendment) Rules, 2022
--	--	--

Context - Guidelines on Extended Producer Responsibility for Plastic Packaging was announced.

Q.123) Consider the following statements

1. The term 'virtual digital assets' is defined in the Income Tax Act
2. Finance Act proposed to tax any income from transfer of any virtual digital asset at 25%

Select the correct statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.123) Solution(a)

Statement Analysis:

Statement 1	Statement 2
Correct	Incorrect
Under clause 47A of the Section 2 of Income Tax Act the virtual digital assets means any information or code or number or token (not being Indian currency or foreign currency), generated through cryptographic means or otherwise, by whatever name called, providing a digital representation of value exchanged with or without consideration, with the promise or representation of having inherent value, or functions as a store of value or a unit of account including its use in any financial transaction or investment, but	Under Section 115BBH of the Income Tax Act, any income from transfer of any virtual digital asset shall be taxed at the rate of 30%.

not limited to investment scheme; and can be transferred, stored or traded electronically	
---	--

Context – The budget proposed to tax income obtained through virtual digital assets.

Q.124) 'White Cheeked Macaque' is found in

- a) Kerala
- b) Arunachal Pradesh
- c) Andaman & Nicobar Islands
- d) Uttarakhand

Q.124) Solution(b)

Scientists from Zoological Survey of India have recorded presence of White-Cheeked Macaque (*Macaca leucogenys*) from central Arunachal Pradesh in India. The species was first discovered in 2015 in China and its existence was not known in India before this.

Context – The presence of this species was recently recorded in India.

Q.125) Consider the following statements regarding 'Official Secrets Act (1923)'

1. The act defines 'official secrets' and lays down the procedure for prosecution
2. Right to Information Act (RTI) may supersede official secrets act in some circumstances

Select the correct statements

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.125) Solution(b)

Statement Analysis:

Statement 1	Statement 2
Incorrect	Correct
Official Secrets Act by itself does not say what a “secret” document is. It is the government’s discretion to decide what falls under the ambit of a “secret” document to be charged under OSA.	Section 22 of the RTI Act provides for its primacy vis-a-vis provisions of other laws, including OSA. So if there is any inconsistency in OSA with regard to furnishing of information, it will be superseded by the RTI Act. However, under Sections 8 and 9 of the RTI Act, the government can refuse information

Context – The act was in the news.

Q.126) He was the founder of the Hindustan Republican Association. He founded a branch of the Anushilan Samiti in Patna in 1913. He also wrote a book titled Bandi Jeevan. He is

- a) Ramprasad Bismil
- b) Chandrashekhar Azad
- c) Sukhdev Thapar
- d) Sachindra Nath Sanyal

Q.126) Solution(d)

Sachindra Nath Sanyal was the founder of the Hindustan Republican Association. He founded a branch of the Anushilan Samiti in Patna in 1913. He also wrote a book titled Bandi Jeevan. He was extensively involved in the plans for the Ghadar conspiracy, and went underground after it was exposed in February 1915. Sanyal and Mahatma Gandhi engaged in a famous debate published in Young India between 1920 and 1924.

Context – The death anniversary of Sachindra Nath Sanyal was recently observed.

Q.127) Consider the following statements regarding ‘Parvatmala Scheme’

1. The scheme aims to provide all weather roads in mountainous regions
2. Ministry of Road Transport and Highways is the nodal Ministry for this scheme

Select the correct statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.127) Solution(b)**Statement Analysis:**

Statement 1	Statement 2
Incorrect	Correct
National Ropeways Development Programme – “Parvatmala” – which will be taken up on PPP mode. It will be a preferred, ecologically sustainable alternative in place of conventional roads in difficult hilly areas.	Ministry of Road Transport and Highways is the nodal Ministry for this scheme. It will have responsibility for development of ropeway and alternative mobility solutions technology, as well as construction, research, and policy.

Context – The scheme was announced in the Union Budget 2022-23.

Q.128) Consider the following statements regarding ‘Lassa Fever’

1. The disease is caused by a virus and is primarily found in West Africa
2. It is primarily caused by pigs and person to person transmission is possible

Select the correct statement(s)

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Q.128) Solution(a)**Statement Analysis:**

Statement 1	Statement 2
Correct	Incorrect
The Lassa virus is primarily found in countries in West Africa including Sierra Leone, Liberia, Guinea, and Nigeria where it is endemic	The fever is spread by rats. Person-to-person transmission is also possible.

Context – There was an outbreak of Lassa Fever recently.

Q.129) Consider the following statements regarding 'Quantum Key Distribution'

1. It enables two parties to produce a shared random secret key known only to them, which can then be used to encrypt and decrypt messages
2. The security of encryption that uses quantum key distribution relies on the foundations of public key cryptography
3. Quantum key distribution is only used to produce and distribute a key and not to transmit any message data

Select the correct statements

- a) 1 only
- b) 2 only
- c) 2 and 3 only
- d) 1 and 3 only

Q.129) Solution(d)

Statement Analysis:

Statement 1	Statement 2	Statement 3
Correct	Incorrect	Correct
Quantum key distribution (QKD) is a secure communication method which implements a cryptographic protocol involving components of quantum mechanics. It enables two parties to	The security of encryption that uses quantum key distribution relies on the foundations of quantum mechanics, in contrast to traditional public key cryptography, which relies on the computational difficulty	The security of encryption that uses quantum key distribution relies on the foundations of quantum mechanics, in contrast to traditional public key cryptography, which relies on the computational difficulty

produce a shared random secret key known only to them, which can then be used to encrypt and decrypt messages	of certain mathematical functions, and cannot provide any mathematical proof as to the actual complexity of reversing the one-way functions used.	of certain mathematical functions, and cannot provide any mathematical proof as to the actual complexity of reversing the one-way functions used.
---	---	---

Context – The technology was demonstrated by DRDO and IIT – Delhi.

Q.130) Consider the following statements regarding ‘Ayushman Bharat Digital Health Mission’

1. It is a digital health ecosystem under which every resident will now have unique health IDs and digitized health records
2. The National Health Authority has been given the mandate to design, build, roll-out and implement the mission
3. Private stakeholders will have an equal opportunity to integrate and create their own products for the market.
4. Health ID is a randomly generated 16 digit number used for the purposes of uniquely identifying persons.

Choose the correct statement(s) using the code given below

- a) 1 and 2 only
- b) 1, 2 and 4 only
- c) 2 and 3 only
- d) 2, 3 and 4 only

Q.130) Solution(c)

Statement Analysis:

Statement 1	Statement 2	Statement 3	Statement 4
Incorrect	Correct	Correct	Incorrect
It is a digital health ecosystem under which every Indian citizen will now have	The National Health Authority has been given the mandate to design, build, roll-out	Private stakeholders will have an equal opportunity to integrate and create	Health ID is a randomly generated 14 digit number used for the purposes of

unique health IDs, digitised health records with identifiers for doctors and health facilities	and implement the mission in the country	their own products for the market. The core activities and verifications, however, remain with the government.	uniquely identifying persons, authenticating them, and threading their health records
--	--	--	---

Context – The mission was announced by National Health Authority.