



TEST YOURSELF

DAILY CURRENT AFFAIRS

JULY, 2021

Q.1 With reference to BharatNet Project, consider the following statements:

1. It is being funded by the Universal Service Obligation Fund (USOF).
2. It is being implemented by Bharat Broadband Network Limited (BBNL).

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.2 With reference to National Hydrology Project (NHP), consider the following statements:

1. It is a centrally sponsored scheme.
2. It gets its funding from 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.3 With reference to NITI Aayog, consider the following statements:

1. It was established in 2014 by replacing erstwhile Planning Commission
2. The Governing Council of NITI Aayog comprises all the States and Union Territories with legislatures.

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.4 With reference to the 'Carnatic and Hindustani' music system, consider the following statements:

1. The Carnatic music system is associated with the southern part of the Indian subcontinent and Hindustani with the northern part.
2. The Carnatic music system originated in the Vedic period and Hindustani in the Bhakti period.
3. Carnatic music system has 6 major ragas and Hindustani has 72 ragas.

Which of the statements given above is/are correct?

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

Q.5 Indrajaal, recently seen in the news, is a:

- (a) Drone Defence Dome System
- (b) Cybersecurity systems
- (c) Immunisation drives
- (d) State-of-the-art technology to control forest fires

Q.6 With reference to Goods and Services Tax (GST), consider the following statements:

1. It is a value-added and source-based tax.
2. The GST Council is headed by the Prime Minister.

Which of the statements given above is/are **incorrect**?

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

Q.7 With reference to Unified District Information System for Education (U-DISE), consider the following statements:

1. It is a database about schools and colleges in India.
2. It is developed by the National Informatics Centre (NIC).
3. It is maintained by the Department of School Education.

Which of the statements given above is/are correct?

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

Q.8 International Union for Conservation of Nature (I.U.C.N.) listed Red sanders as

- (a) Endangered
- (b) Near Threatened
- (c) Vulnerable
- (d) Least Concern

Q.9 Kalbelia Dance is a tribal dance from which of the following states?

- (a) Madhya Pradesh
- (b) Rajasthan
- (c) Odisha
- (d) Karnataka

Q.10 With reference to the Animal Welfare Board of India (AWBI), consider the following statements:

1. It is a statutory advisory body on Animal Welfare Laws.
2. It was established in 1975 under the Wildlife Protection Act, 1972.

Which of the above statements is/are correct?

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

Q.11 With reference to Chalcolithic Period, consider the following statements:

1. Barley was the most common crop during the period.
2. Inamgaon is an important site of the period.
3. Artificial irrigation was being used.
4. Black and Red Pottery was being used.

Which of the statements given above is/are correct?

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

Q.12 With reference to unmanned combat air vehicle (UCAV) Ghatak, consider the following statements:

1. It is being developed by DRDO for Indian Navy.
2. It will be capable of releasing missiles, bombs and precision-guided munitions.

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.13 With reference to BHIM App, consider the following statements:

1. It is a UPI based payment interface which allows real time fund transfer.
2. It can be used outside India.

Which of the statements given above is/are correct?

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

Q.14 Istanbul Convention was seen in the news recently, it is related to:

- (a) Refugee movement
- (b) Israel-Palestine Conflict
- (c) Violence against women
- (d) Indo-Pacific Security

Q.15 Consider the following statements:

1. QUAD is an informal strategic forum between India, Japan, US and Australia.
2. The idea of QUAD was first mooted by the Indian Prime Minister in 2010.
3. Exercise Malabar is an initiative of all the QUAD members.

Which of the above statement(s) is/are **not** correct?

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

Q.16 With reference to the Narmada River, which of the following statements are correct?

1. It originates from the Amarkantak region in Madhya Pradesh.
2. As per the 1979 award of the Narmada Water Dispute Tribunal, its water is shared amongst Gujarat, Rajasthan, Madhya Pradesh and Maharashtra.
3. It drains into the Arabian Sea at the Gulf of Kutch.

Select the correct answer using the code given below:

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

Q.17 Taal volcano, recently seen in the news, is located in?

- (a) Indonesia
- (b) Thailand
- (c) The Philippines
- (d) Vietnam

Q.18 With reference to the Bamboo Oasis on Lands in Drought project, consider the following statements:

1. It has been launched by the Ministry of Agriculture and Farmers' Welfare.
2. It aims to create bamboo-based green patches in arid and semi-arid land zones.

Which of the statements given above is/are not correct?

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

Q.19 Panchmuli Lake, recently seen in the news, is located in?

- (a) Rajasthan
- (b) Madhya Pradesh
- (c) Gujarat
- (d) Maharashtra

Q.20 With reference to Financial Stability and Development Council (FSDC), consider the following statements:

1. The idea for its establishment was given by the Raghuram Rajan Committee.
2. It is a Statutory Body.
3. It is headed by the RBI Governor.

Which of the statements given above is/are correct?

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

Q.21 Panchmuli Lake, recently seen in the news, is located in?

- (a) Rajasthan
- (b) Madhya Pradesh
- (c) Gujarat
- (d) Maharashtra

Q.22 With reference to Tidal Waves, consider the following statements:

1. These are reoccurring shallow water waves caused by the gravitational interactions between the Sun, Moon and Earth.
2. Tsunamis are a more severe form of tidal waves.

Which of the statements given above is/are not correct?

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

Q.23 With reference to Vivekananda, which of the following statements are correct?

1. He propounded the philosophy of Neo-Vedanta.
2. His theory of ethics was based on the intrinsic purity and oneness of the Atman.
3. He was a part of the Brahmo Samaj.

Select the correct answer using the code given below:

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

Q.24 Consider the following pairs:

Hydropower Project	River
1. Baglihar Project	Chenab
2. Dul Hasti Project	Jhelum
3. Nathpa Jhakri Project	Sutlej
4. Thien Project	Beas

Which of the pairs given above is/are not correctly matched?

- (a) 1 and 2 only
- (b) 4 only
- (c) 2 and 4 only
- (d) 1 only

Q.25 With reference to Article 23 of the Constitution of India, consider the following statements:

1. Traffic in human beings and begar and other similar forms of forced labour are prohibited
2. State shall not make any discrimination on grounds only of religion, race, sex, caste or class or any of them.

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.26 With reference to Albinism, consider the following statements:

1. It is a hypo-pigmentary disorder with a total lack of melanin in hair, eyes and skin.
2. It is a hereditary disease.
3. The extent and appearance varies as complete or partial albinism.

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.27 With reference to Sir Chettur Sankaran Nair, consider the following statements:

1. He became the President of Indian National Congress at the Nagpur Session.
2. He played a crucial role in finalising the Montague-Chelmsford reforms of 1919.
3. His political philosophy was critical of Gandhian methods of non-violence and non-cooperation.

Which of the statements given above is/are *not* correct?

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

Q.28 Harit Dhara, recently seen in the news, is a?

- (a) Bamboo plantation drive
- (b) Irrigation method
- (c) Animal feed supplement
- (d) Algae fertilizer

Q.29 With reference to Zero FIR, consider the following statements:

1. It was recommended by the Justice Verma Committee.
2. The Criminal Procedure defines the term 'FIR'.
3. It is a mode of lodging FIR in any police station irrespective of the offense committed in that area or any other area

Which of the statements given above is/are correct?

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

Q.30 Recently seen in news, KIRAN Helpline, is associated with:

- (a) Assistance for elderly people
- (b) Support to adolescent girls
- (c) Guidance to college students
- (d) Relief and support to persons with Mental Illness

Q.31 With reference to Polar Lights, consider the following statements:

1. These are caused by interactions between solar winds and gases in Earth's atmosphere.
2. In the whole universe, the phenomenon can be witnessed only on the Earth.
3. On the south pole of the Earth, these lights are called Aurora Borealis.

Which of the statements given above is/are correct?

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

Q.32 Which of the following pairs are not correct?

Indian Naval Exercises — Partner Country/Countries

1. Konkan — United Kingdom
2. Malabar — France
3. Varuna — US and Japan
4. Indra — Russia

Select the correct answer using the code given below:

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

Q.33 Bunder Diamond Mining Project, sometimes seen in the news, is located in which of the following states?

- (a) Andhra Pradesh
- (b) Chattisgarh
- (c) Madhya Pradesh
- (d) Telangana

Q.34 Pegasus, sometimes seen in news, is is a:

- (a) variant of Covid 19 virus
- (b) dwarf planet found by scientists
- (c) spyware
- (d) supercomputer

Q.35 Consider the following statements:

1. Bhalia is a GI certified variety of wheat
2. This crop has high protein content
3. It is grown in rainfed conditions without irrigation.

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

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

Q.36 Consider the following statements:

1. Permanent Court of Arbitration is an intergovernmental organization providing a variety of dispute resolution services to the international community.
2. The International Court of Arbitration does not make formal judgments on disputed matters. Instead, exercise judicial supervision of arbitration proceedings

Which of the statements given above is/are not correct?

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

Q.37 With reference to Chief Information Commissioner (CIC), consider the following statements:

1. Their selection committee consists of the Prime Minister, Leader of Opposition Lok Sabha and Chief Justice of India.
2. They are eligible for reappointment at the same post for one more term.

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.38 Arrange the tributaries of the Indus River from north to south.

1. Chenab
2. Jhelum
3. Beas
4. Ravi
5. Sutlej

Select the correct answer using the codes given below:

- (a) 1-2-3-4-5
- (b) 2-1-3-4-5
- (c) 3-1-2-4-5
- (d) 2-1-4-3-5

Q.39 With reference to the Zika Virus, consider the following statements:

1. It is transmitted by the bite of an infected Aedes species mosquito.
2. There is no specific medicine to cure or vaccination to prevent it.
3. It cannot be transmitted sexually or from a mother to child.

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) 1, 2 and 3

Q.40 Enceladus, recently seen in the news, is a?

- (a) Asteroid
- (b) Moon
- (c) Black hole
- (d) Comet

Q.41 With reference to Uniform Civil Code, consider the following statements:

1. It is mentioned in Part 3 of the Indian Constitution.
2. It is described under Article 44 of the Indian Constitution.

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.42 Which of the following international conventions are related to chemical or hazardous substances?

1. Stockholm Convention
2. Rotterdam Convention
3. Minamata Convention
4. Montreal Protocol

Select the correct answer using the codes given below:

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

Q.43 Consider the following statements:

1. World Wide Fund for Nature (WWF) is an independent non-governmental organization.
2. United Nations Environment Program (UNEP) is UN's Specialized Agency.

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.44 With reference to the Agriculture Infrastructure Fund (AIF), consider the following statements:

1. It is a pan India Central Sponsored Scheme launched in the year 2020.
2. It will provide a short term debt financing facility for investment in viable projects for post-harvest management Infrastructure.

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.45 Filariasis is a parasitic disease, caused by:

- (a) Wuchereria bancrofti
- (b) Entamoeba histolytica
- (c) Babesia microti
- (d) Trypanosoma cruzi

Q.46 With reference to the Jagannath Rath Yatra, consider the following statements:

1. It is one of the major Vaishnavite rituals in India and abroad.
2. It commemorates Lord Jagannath's annual visit to the Lingaraja Temple.

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.47 Proposed Lemru and Badalkhol Tamorpingla Elephant Reserves, recently seen in the news, are located in?

- (a) Madhya Pradesh
- (b) Telangana
- (c) Chhattisgarh
- (d) Maharashtra

Q.48 With reference to Speaker, consider the following statements:

1. H/She need not be a member of the house of Indian Parliament.
2. H/She presides over the joint sittings of the two Houses of Parliament.

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.49 Recently seen in news, Soberana is:

- (a) An anti-tank missile
- (b) A conjugate vaccine
- (c) An iceberg in the Antarctica
- (d) A rare plant

Q.50 Consider the following statements:

1. Acute Encephalitis Syndrome is caused by viruses only.
2. The disease commonly affects children and young adults.

Which of the above statement(s) is/are **not correct**?

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

Q.51 With reference to Kongu Nadu, which of the following statements is/are correct?

- 1. It finds mention in Purana literature as a separate territory.
- 2. It derives its name from Kongu Vellala Gounder, an Other Backward Caste (OBC) community.
- 3. It includes prominent businesses and industrial hubs like Salem and Coimbatore.

Select the correct answer using the code given below:

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

Q.52 With reference to Inflation, consider the following statements:

- 1. It measures the average price change in a basket of commodities only.
- 2. It is indicative of the decrease in the purchasing power of a unit of a country's currency.

Which of the statements given above is/are not correct?

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

Q.53 With reference to the Kesariya Buddha Stupa, consider the following statements:

- 1. It is the largest Buddhist stupa in the world, located in Bihar.
- 2. It is the place where Buddha presented the Kalama Sutta.
- 3. It finds literary reference in Hsuan-tsang's travel documents.

Which of the statements given above are correct?

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

Q.54 With reference to Lightning, consider the following statements:

- 1. Lightning discharges are generated in giant moisture-laden clouds.
- 2. Earth is a good conductor of electricity.

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.55 Which article of Indian Constitution prohibits the slaughter of cows and calves and other milch and draught cattle?

- (a) Article 47
- (b) Article 48
- (c) Article 48A
- (d) Article 49

Q.56 With reference to Stupas in Buddhism, consider the following statements:

1. Stupas outside the Gangetic valley do not contain relics of the Buddha.
2. They comprise a cylindrical drum and a circular and a with a harmika and chhatra on the top.
3. Buddha was depicted elaborately and narratively during the early phase of Buddhism.

Which of the statements given above is/are correct?

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

Q.57 With reference to Great Indian Bustard, consider the following statements:

1. It inhabits arid and semi-arid grasslands.
2. High voltage transmission lines are a major threat factor responsible for declining population.
3. The IUCN Red List of Threatened Species classifies it as Vulnerable.

Which of the statements given above is/are not correct?

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

Q.58 Karman Line is the most widely accepted boundary of space. It is located between?

- (a) Troposphere and Stratosphere
- (b) Stratosphere and Mesosphere
- (c) Mesosphere and Thermosphere
- (d) Thermosphere and Exosphere

Q.59 With reference to India Nepal Border, consider the following states:

1. Uttarakhand
2. Uttar Pradesh
3. Bihar
4. West Bengal
5. Sikkim
6. Himachal Pradesh

Which of the states share a border with Nepal?

- (a) 1,2,3,6 only
- (b) 2,3,4,5 only
- (c) 1,2,3,4,5 only
- (d) 1,2,3,4,5,6

Q.60 Cabo Delgado was seen in the news, it's one of the province of:

- (a) Tanzania
- (b) Nigeria
- (c) Mozambique
- (d) Turkey

Q.61 With reference to Tribunals, consider the following statements:

1. Tribunals were a part of the original Constitution.
2. Article 262 deals with inter-state river water disputes.

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.62 Which of the following commissions is/are related to Reservation in India?

1. Mandal commission
2. Fazl Ali Commission
3. Rohini commission

Select the correct answer using the codes given below:

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

Q.63 'Fit for 55 Package' was recently seen in the news, it is specifically related to:

- (a) Food Security
- (b) Health implication due to Transfat
- (c) Immigrants
- (d) Climate Change

Q.64 Article 311 of the Indian Constitution deals with:

- (a) Recruitment and conditions of service of persons serving the Union or a State
- (b) Dismissal, removal or reduction in rank of persons employed in civil capacities under the Union or a State.
- (c) Creation of new All-India services
- (d) Tenure of office of persons serving the Union or a State

Q.65 With reference to Public Interest Litigation (PIL) in India, consider the following statements:

1. It has been borrowed from British jurisprudence.
2. Justice PN Bhagwati and Krishna Iyer revolutionised this juristic approach in India.
3. This approach permits the courts to take up cases suo motto.

Select the correct answer using the code given below:

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

Q.66 With reference to the Ultraviolet (UV) radiation, consider the following statements:

1. These are naturally emitted radiations covering the wavelength range of 100-400 nm.
2. UV-B and UV-C radiations can reach the Earth's atmosphere.
3. Only UV-B causes sunburns and can damage the DNA.

Which of the statements given above are correct?

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

Q.67 Kanwar Yatra, recently seen in the news, is a pilgrimage associated with which of the following worship traditions?

- (a) Vaishnavism
- (b) Shaivism
- (c) Vajrayana
- (d) Shaktism

Q.68 Consider the following statements:

1. Doppler effect is the dependence of the frequency of a wave on the motion of the source.
2. Radars based on this effect can provide information on the position of targets only and not the movement.

Which of the statements given above is/are **not** correct?

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

Q.69 With reference to 10th Schedule, consider the following statements:

1. It was inserted in the Constitution by the 61st Amendment Act, 1985.
2. It relates to Anti Defection Law.

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.70 Which of the following are the applications of Unmanned Aerial Vehicles (UAVs)?

1. Mapping of Landslide Affected Area
2. Infested Crop Damage Assessment
3. Large Scale Mapping of Town
4. 3-Dimensional Terrain Model Construction

Select the correct answer using the codes given below:

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

Q.71 Consider the following statements:

1. The UDAN Scheme was launched by the Ministry of Tourism.
2. UDAN 4.0 specially focuses on North-Eastern Regions, Hilly States and Islands.

Which of the statements given above is/are not correct?

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

Q.72 With reference to the Kisan Sarathi, consider the following statements:

1. The digital platform is capable of providing information in multiple Indian languages.
2. Farmers can avail personalised advisories from scientists of Krishi Vigyan Kendras.

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.73 With reference to the Kapu community, which of the following statements are not correct?

1. It is primarily a trader community based in the Andhra-Telangana region.
2. It migrated from the Indus River plains and settled on Godavari banks.
3. It is a dominant caste group with political influence in the state of Andhra Pradesh.

Select the correct answer using the code given below:

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

Q.74 With reference to the Indian Polity, consider the following statements:

1. Adjournment motion is introduced in both the houses of the Parliament.
2. Adjournment motion needs the support of 50 members to be admitted.
3. A no-confidence motion can be moved only in Lok Sabha.

Which of the statements given above is/are correct?

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

Q.75 With reference to Digital Fertility Map, consider the following statements:

1. It is prepared by scientists at Bihar Agricultural University.
2. It provides data only on soil fertility.

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.76 With reference to the Project Loon, consider the following statements:

1. Under this, internet service balloons are placed in the Stratosphere.
2. Common plastic 'polyethylene' is used to manufacture these balloons.
3. They do not need network integration with telecom providers or ground equipment.

Which of the statements given above are correct?

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

Q.77 With reference to the Pegasus Spyware, consider the following statements:

1. It uses exploit links which automatically installs it on the user's device upon clicking.
2. It can be installed on devices running on Android systems only.

Which of the statements given above is/are not correct?

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

Q.78 The World Health Organization (WHO) categorises Critically Important Antimicrobials (CIAs) for use in human health and related issues. Which of the following classes of antibiotics does not come under CIAs?

- (a) Fluoroquinolones
- (b) Polymyxins
- (c) Aminopenicillins
- (d) Tetracyclines

Q.79 Consider the following statements:

- 1. India is a signatory to the United Nations Convention against Corruption.
- 2. The Lokpal consists of a Chairperson and maximum of seven members.
- 3. A former Chief Justice of the High Court can be appointed as Chairperson of Lokpal.

Which of the statements given above is/are correct?

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

Q.80 Which of the following pairs of ports is/are correctly matched?

- 1. Shahid Beheshti Port - Iran
- 2. Gwadar Port - Pakistan
- 3. Bandar Abbas Port - Iran

Select the correct answer using the codes given below:

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

Q.81 With reference to the NASA spacecraft NEA Scout, consider the following statements:

- 1. It will be one of the payloads of Artemis I.
- 2. It is USA's first interplanetary mission using a special solar sail propulsion.
- 3. It will fly to and collect data from Trojan asteroids of Jupiter.

Which of the statements given above is/are not correct?

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

Q.82 With reference to the Financial Action Task Force, consider the following statements:

- 1. India is an Observer nation.
- 2. Countries considered a safe haven for supporting terror funding are put on its Black list.

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.83 With reference to Tipu Sultan, which of the following statements are correct?

1. He encouraged cash transactions and discouraged the barter system.
2. He defeated British in the Second Anglo-Mysore war with the help of his rockets.
3. He set up innovation hubs known as Taramandalpets.
4. He got his ceded territories back from British under the Treaty of Seringapatam.

Select the correct answer using the code given below:

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

Q.84 Defence Acquisition Council (DAC) is headed by which of the following?

- (a) Prime Minister
- (b) Defence Minister
- (c) Defence Secretary
- (d) Chief of Defence Staff

Q.85 Which of the following statements is *incorrect* regarding the Mid Day Meal Scheme?

- (a) It caters to 1 meal in school for class 1 to 8th students.
- (b) It is a central sector scheme.
- (c) AGMARK is used to check the quality of items provided.
- (d) This scheme works under the Ministry of Education.

Q.86 With reference to the Alps Mountain Range, consider the following statements:

1. These are young fold mountains with rugged relief and high conical peaks.
2. They form a natural barrier and division between eastern and western Europe.
3. Only Switzerland and Austria can be considered true Alpine countries.

Which of the statements given above are correct?

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

Q.87 Project-75 India, sometimes seen in the news, is related to?

- (a) Preservation of world heritage sites
- (b) Chemical fertiliser free agriculture
- (c) Digitising ancient scriptures
- (d) Constructing submarines indigenously

Q.88 Consider the following statements:

1. The Organization of the Petroleum Exporting Countries was established by the Baghdad Conference.
2. India is a member of the OPEC Plus group.

Which of the statements given above is/are not correct?

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

Q.89 Consider the following statements:

1. Liverpool is a city on the banks of the River Thames in England.
2. It lies on the Eastern Coast of the United Kingdom.

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.90 With reference to Cooperative Society, consider the following statements:

1. Article 242ZR deals with multi-State cooperative societies.
2. Article 43 deals with State promoting professional management of Cooperative societies

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.91 With reference to the South Asian Initiative, consider the following statements:

1. It aims to enhance regional connectivity and boost tourism in a post Covid world.
2. India is the only SAARC member country which is not a part of the group.

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.92 Historic Urban Landscape Project, recently seen in the news, is carried out by?

- (a) Archaeological Survey of India
- (b) International Council on Monuments and Sites
- (c) United Nations Educational, Scientific and Cultural Organization
- (d) Indian National Trust for Art and Cultural Heritage

Q.93 With reference to the under-construction Sela Tunnel, which of the following statements is/are not correct?

- 1. It will provide all weather connectivity to Darbuk, Ladakh.
- 2. It is being built by the Border Roads Organisation.
- 3. It will be the longest bi-lane road tunnel in the world at an altitude above 13,000 feet.

Select the correct answer using the code given below:

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

Q.94 With reference to Microplastics, consider the following statements:

- 1. They are soluble in water and hence a major cause of marine pollution.
- 2. Nylon is a type of microplastic.

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.95 With reference to Remote Sensing, consider the following statements:

- 1. Remote Sensing sensors record earth's reflectance in different wavelengths.
- 2. These received reflectance values are processed to create a separate image for each wavelength.

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.96 With reference to the EV100 Campaign, consider the following statements:

- 1. It aims to make electric transport the new normal by 2030 in association with global companies.
- 2. It was jointly launched by the Ministry of Electronics and Information Technology and the Ministry of Commerce and Industry.

Which of the statements given above is/are not correct?

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

Q.97 With reference to Cloud Seeding, consider the following statements:

1. The weather modification technology can be applied anywhere without any specific weather requirements.
2. Silver iodide is the only known chemical used in the process.
3. Seeding chemical is dispersed by fly-through aircraft or by ground-based dispersion devices.

Which of the statements given above is/are correct?

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

Q.98 Consider the following statements:

1. Lingayat is a Hindu subcaste and the smallest community in Karnataka.
2. The tradition of Lingayatism was founded by Basavanna in the 12th century.

Which of the statements given above is/are not correct?

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

Q.99 Right to Privacy cannot be derived from which of the following Articles of Indian Constitution?

- (a) Article 13
- (b) Article 14
- (c) Article 19
- (d) Article 21

Q.100 With reference to Preventive Detention, consider the following statements:

1. The Constitution of India empowers Parliament to make laws on Preventive detention.
2. Article 21 of Indian Constitution deals with the Preventive Detention.

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.101 With reference to the HAM radio technology, consider the following statements:

1. It uses the radio frequency spectrum for commercial radio communications.
2. As per the Indian Wireless Telegraphs (Amateur Service) Amendment Rules, 1984 prescribes a minimum age of 21 years for any citizen of India to become an operator.
3. It can be set up anywhere and can also be used when the mobile connectivity is down.

Which of the statements given above is/are not correct?

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

Q.102 Maguri-Motapung Wetland, sometimes seen in the news, is located in which of the following states?

- (a) Assam
- (b) Bihar
- (c) West Bengal
- (d) Chattisgarh

Q.103 With reference to Chandra Shekhar Azad, which of the following statements is/are correct?

1. He participated in the Non-cooperation Movement.
2. He reorganised the Hindustan Republican Association in the Hindustan Socialist Republican Association.
3. He played an active role in the Kakori train robbery and killing of John Saunders.

Select the correct answer using the code given below:

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

Q.104 Which temple is given the tag of 'brightest star in the galaxy of medieval temples of the Deccan'?

- (a) Raja rani Temple
- (b) Brihadeshwara Temple
- (c) Meenakshi Temple
- (d) Rudreshwara Temple

Q.105 With reference to Planets, consider the following statements:

1. An exoplanet is a planet in a different solar system.
2. Rings of Saturn are made of ice and rock.

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.106 With reference to Great Indian Bustard, consider the following statements:

1. It is the state bird of Gujarat.
2. It is listed as “critically endangered” on the IUCN Red List.

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.107 Maguri-Motapung Wetland recently seen in the news, it is located in

- (a) Tripura
- (b) Sikkim
- (c) Assam
- (d) Nagaland

Q.108 With reference to Agar tree, consider the following statements:

1. The evergreen tree is native to South India.
2. The dark resinous wood of Agar tree is used in incense, perfume and small carvings.
3. The wood is odorless and must become infected with molds to become fragrant.
4. It is listed as vulnerable on the IUCN Red List.

Which of the statements given above is/are not correct?

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

Q.109 With reference to Adarsh Smarak Scheme, consider the following statements:

1. It was launched in 2014 for providing improved visitor amenities, especially for the physically challenged.
2. Buddhist remains at Salihundam and Veerabhadra Temple at Lepakshi are identified under the scheme.

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.110 With reference to Bal Gangadhar Tilak, consider the following events:

1. Signing Lucknow Pact
2. Starting of Ganesh Festival
3. Founding Deccan Education Society
4. Attending Surat Session

What is the correct chronological sequence of the above events?

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

Q.111 Which of the following is/are eligible for adopting a heritage site/monument under the Adopt a Heritage scheme?

- 1. Private and Public Sector Companies
- 2. Trusts
- 3. Non-Governmental Organization (NGO)
- 4. Individuals

Select the correct answer using the code given below:

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

Q.112 With reference to the James Webb Space Telescope, consider the following statements:

- 1. It is an infrared telescope and will study every phase in the history of the Universe.
- 2. Its primary mirror is made of beryllium.
- 3. It has been solely developed by the European Space Agency.

Which of the statements given above is/are correct?

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

Q.113 Buen Retiro Park and Paseo del Prado, recently seen in the news, are located in?

- (a) Spain
- (b) Italy
- (c) France
- (d) Portugal

Q.114 Which of the following statement(s) is /are correct regarding Gharib Nawaz Employment Scheme?

- 1. It aimed to provide short term job oriented skill development courses to minorities' youth.
- 2. It provides employment opportunities to all the beneficiaries in organized & unorganized sectors.
- 3. It was launched by the Ministry of Labour & Employment in 2017.

Select the correct answer using the code given below.

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

Q.115 Which of the following Reports is **not** released by the International Monetary Fund?

- (a) World Economic Outlook
- (b) Global Financial Stability Report
- (c) Fiscal Monitor
- (d) World Development Report

Q.116 With reference to Dholavira, which of the following statements is/are correct?

- 1. It is located on Kadir island in the Rann of Kutch in Gujarat.
- 2. It only witnessed the late stages of Harappan culture.
- 3. Excellent rainwater harvesting system is one of its unique features.
- 4. It was one of the first Harappan towns to cultivate rice.

Select the correct answer using the code given below:

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

Q.117 With reference to Project BOLD, consider the following statements:

- 1. It has been launched by the Khadi and Village Industries Commission.
- 2. It seeks to create bamboo-based green patches in arid and semi-arid land zones.

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.118 With reference to the proposed National Farmers Database, consider the following statements:

- 1. It is being built by taking the publicly available data and linking them with digitised land records.
- 2. Landless farmers will also be covered under the database.
- 3. It will serve as the core of the Agristack.

Which of the statements given above is/are not correct?

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

Q.119 With reference to the defence exercises between India and other countries, consider the following pairs:

Defence Exercises — With Countries

- 1. Exercise Indra — US
- 2. Dharma Guardian — Japan
- 3. Nomadic Elephant — Russia

Which of the pairs given above is/are correctly matched?

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

Q.120 Which of the following countries are members of the Shanghai Cooperation Organisation?

- 1. Kyrgyzstan
- 2. Russia
- 3. Pakistan
- 4. Myanmar

Select the correct answer using the code given below:

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

Q.121 Consider the following:

- 1. Bihar
- 2. Rajasthan
- 3. Punjab
- 4. Odisha

Which of the following states given above is/are consisting of Gold ore reserves?

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

Q.122 With reference to Exercise INDRA NAVY, consider the following statements:

- 1. It is an annual bilateral maritime exercise.
- 2. It is conducted between India and Japan.

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.123 With reference to the Chandrayaan Missions, which of the following pair(s) is/are not correct?

- 1. Chandrayaan-1 — Confirmed water on Moon
- 2. Chandrayaan-2 — Rover Pragyaan
- 3. Chandrayaan-3 — Carrier GSLV-Mk 3

Select the correct answer using the code given below:

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

Q.124 Kanjeevaram Silk Sari, recognized as a Geographical Indication product, is associated with which of the following Indian states?

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

Q.125 With reference to the Earth Overshoot Day, consider the following statements:

1. It marks the date when ecological resource demand exceeds Earth's regeneration capacity for a given decade.
2. Increase in global carbon footprint and decrease in global forest biocapacity are key drivers for an early date.

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.126 With reference to Mahila Kisan Sashaktikaran Pariyojana, consider the following statements:

1. It aims to empower women in agriculture by making systematic investments to enhance their participation and productivity.
2. It was launched by the Ministry of Women and Child Development.

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.127 With reference to various findings in the excavation of Harappan sites, consider the following pairs:

1. Lothal: Horse Bones
2. Amri: Rhinoceros Remains
3. Banawali: Barley
4. Surkotada: Dockyard

Which of the above mentioned pairs are correctly matched?

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

Q.128 Which of the following statements regarding the Prime Minister Formalisation of Micro-food processing Enterprises Scheme is/are correct?

1. It is a central sector scheme.
2. It enhances competitiveness of existing micro-enterprises in the organized segments.

Select the correct answer using the code given below.

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

Q.129 Raja Mircha, recently certified as a Geographical Indications (GI) tag, is associated with which of the following Indian states?

- (a) Mizoram
- (b) Odisha
- (c) Nagaland
- (d) Assam

Q.130 With reference to Limited Liability Partnership, consider the following statements:

1. Under this, each partner's liabilities are fixed irrespective of the amount they put into the business.
2. If the partnership fails, then creditors can go after a partner's personal assets or income.

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

EXPLANATION

1. (c)

[SOL] Statement 1 is correct: The BharatNet project originally aimed to provide broadband services at 100 Mbps to around 2.5 lakh gram panchayats of the country. The entire project is being funded by the Universal Service Obligation Fund (USOF), which was set up for improving telecom services in rural and remote areas of the country.

Statement 2 is correct: The project is being implemented by Bharat Broadband Network Limited (BBNL) through a Special Purpose Vehicle (SPV).

2. (b)

[SOL] Statement 1 is not correct: It is a **Central Sector scheme** sponsored by the **Ministry of Jal Shakti**, Department of Water Resources, River Development and Ganga Rejuvenation, Govt. of India.

Statement 2 is correct: It is getting financial aid from the World Bank. The objective of the project is to improve the extent and accessibility of water resources information and strengthen institutional capacity to enable improved water resources planning and management across India.

3. (b)

[SOL] Statement 1 is not correct: National Institution for Transforming India, also known as NITI Aayog, was formed via a **resolution of the Union Cabinet on 1 January 2015**. It is the premier policy think tank of the Government of India, providing directional and policy inputs.

Statement 2 is correct: The Governing Council of NITI Aayog is chaired by the Hon'ble Prime Minister and comprises Chief Ministers of all the States and Union Territories with legislatures and Lt Governors of other Union Territories.

4. (a)

[SOL] Option A is correct:

- Carnatic music is a system of music associated with the southern part of the Indian subcontinent.
- Hindustani music is associated with north India and is deeply influenced by Persian and Islamic music systems.
- Hindustani music originated in the Vedic period, while Carnatic music originated during the Bhakti movement.
- Both the music evolved with Sanskrit language scripts in itself and through Vedic traditions.
- Carnatic music has 72 ragas and Hindustani music has 6 major ragas.

5. (a)

[SOL] Option A is correct: It is the first autonomous digital drone defence dome system in India.

- **It is developed by** Hyderabad-based Grene Robotics with a range of an area of 1,000-2,000 sq km per system.
- **Uses:**
 - o provides protection to defence bases;
 - o Detection of threats such as Unmanned Aerial Vehicles (UAVs), incoming weapons, loitering munitions, low Radar Cross Section (RCS) targets autonomously; and
 - o beneficial for linear infrastructures like international borders against advanced weaponry.

- **Key attributes:**
 - o Real-time situational awareness
 - o Distributed, Decentralised and Mobile
 - o Integrated and Intelligent meshed network
 - o Ability to integrate with all current weapons suite and infrastructure
 - o Honeycombed cell structure seamlessly built over a combination of 9-10 technologies
 - o 24x7x365 persistent and autonomous monitoring, tracking and action
6. (c)
- [SOL] Statement 1 is not correct:** It is a value-added tax levied on most goods and services sold for domestic consumption. It was launched in India on 1 July 2017 as a comprehensive indirect tax for the entire country. It is **destination-based taxation** and applicable on the supply side.
- Statement 2 is not correct:** GST Council **headed by the Union Finance Minister** is the governing and key decision-making body for GST.
7. (d)
- [SOL] Statement 1 is not correct:** U-DISE (Unified District Information System for Education) is a database about **schools in India**.
- Statement 2 is not correct:** The database was **developed at the Department of School Education**.
- Statement 2 is not correct:** It is maintained by the **National Informatics Centre**.
8. (b)
- [SOL] Option B is correct.** Red sanders (*Pterocarpus santalinus*) are known for their rich hue and therapeutic properties. It is declared Near Threatened in the IUCN Red List.
9. (b)
- [SOL] Option b is correct:** Kalbeliya, the snake dance from the state of Rajasthan is a piece of art performed by the Kalbeliya tribe and hence is its name. The word Kalbeliya is a blend of two words which are 'Kal' and 'Beliya'. Kalbeliya dance is a folk dance performed in the Rajasthan state of India. It is one of the most sensuous dance forms. The dance is mainly performed by the Kalbeliya community. It is danced to celebrate the happy moment in the community. Both men and women participate in Kalbeliya dance.
10. (a)
- [SOL] Statement 1 is correct.** The Animal Welfare Board of India (AWBI) is a statutory advisory body on Animal Welfare Laws that promotes animal welfare in the country.
- Statement 2 is not correct.** It was established in 1962 under Section 4 of the Prevention of Cruelty to Animals Act, 1960.

11. (d)

[SOL] Statement 1 is correct: The Chalcolithic Age marked the emergence of the use of metal along with stone tools. Barley was the most common crop during the period.

Statement 2 is correct: Inamgaon is an important site of the period.

Statement 3 is correct: Artificial irrigation was being used. Both Kharif (summer) and Rabi (winter) crops were planted. This indicates that the Chalcolithic farmers of Inamgaon practised rotation of crops.

Statement 4 is correct: Black and Red Pottery was being used.

12. (b)

[SOL] Statement 1 is not correct: Ghatak is an autonomous stealthy unmanned combat air vehicle (UCAV), being developed by the Defence Research and Development Organisation for the **Indian Air Force**.

Statement 2 is correct: The UCAV will be capable of releasing missiles, bombs and precision-guided munitions. First flight of a scaled down testbed is scheduled in 2021 and that of a full scale prototype is expected in 2024-25.

13. (c)

[SOL] Statement 1 is correct: BHIM is a UPI based payment interface which allows real time fund transfer using a single identity like one's mobile number or name.

Statement 2 is correct: One can use BHIM outside India to send and collect money for any local accounts. While NRI/NRE accounts can be used for the same.

14. (c)

[SOL] Option c is correct: Recently, Turkey has pulled out of Istanbul Convention on violence against women. The convention was established by the Council of Europe. It is a human rights treaty.

Aim: To prevent and prosecute all forms of violence against women, promote gender equality and ensure protection and rehabilitation of women who are victims of violence. The treaty was opened for ratification in May 2011. From the European Union, 34 countries signed this treaty.

15. (b)

[SOL] Statement 1 is correct. QUAD is an **informal** strategic forum of four nations named India, Japan, US and Australia.

Statement 2 is not correct. The idea of Quad was first mooted by the **Japanese Prime Minister in 2007**.

Statement 3 is not correct. Malabar Exercise, initiated by **India and US in 1992**, now includes all QUAD members as participants. Japan joined in 2015.

16. (a)

[SOL] In News: Recently, authorities have carried out the relocation of crocodiles from Panchmuli lake near the Statue of Unity in Narmada district, Gujarat.

Statement 1 is correct: Narmada river is the fifth-largest river in India. It originates from the Amarkantak region in Madhya Pradesh and traverses around 1,312 km.

Statement 2 is correct: It is a classic case of Integrated River Basin Planning, Development, and Management, with water storage available in all major, medium, and minor dams on the main river and its tributaries, shared amongst four party states (Gujarat, Rajasthan, Madhya Pradesh and Maharashtra) in the ratio stipulated by the 1979 award of the Narmada Water Dispute Tribunal.

Statement 3 is not correct: It drains into the Arabian Sea at the Gulf of Cambay.

17. (c)

[SOL] In News: Recently, the Philippines has increased the alert level on Taal Volcano, south of Manila, warning of eruptions and urging people in nearby areas to evacuate.

Option C is correct: Taal is the Philippines' second most active volcano. It is small in size however, it is a dangerous volcano. Taal is a complex volcano, meaning it does not have one vent or cone but several eruption points that have changed over time. It is at the centre of the 230 sq km Taal lake, formed in the caldera of earlier massive prehistoric eruptions.

18. (a)

[SOL] In News: Recently, the Bamboo Oasis on Lands in Drought (BOLD) project has been initiated.

Statement 1 is not correct: It has been launched by Khadi and Village Industries Commission (KVIC) as part of its Khadi Bamboo Festival to celebrate 75 years of independence, "Azadi ka Amrit Mahotsav".

Statement 2 is correct: It seeks to create bamboo-based green patches in arid and semi-arid land zones. Bamboos are known for conserving water and reducing evaporation of water from the land surface, which becomes significant for arid and drought-prone regions. Also, bamboos grow very fast and could be harvested in about three years' time.

19. (c)

[SOL] In News: Recently, authorities have carried out the relocation of crocodiles from Panchmuli lake near the Statue of Unity in Narmada district, Gujarat.

Option C is correct: The Panchmuli lake, also known as 'Dyke-3' of the Sardar Sarovar Dam, is located in Gujarat. It was developed for tourists visiting the Statue of Unity. In 2019, the Gujarat State Forest Development Corporation Ltd (GSFDC) started the boat ride in the lake, which is rich in flora and fauna and surrounded by lush green forests, as part of the eco-tourism activity in the region surrounding the Statue of Unity. A large number of crocodiles posed a threat to visitors so authorities decided to relocate crocodiles from the water body to prevent any harm to tourists.

20. (c)

[SOL] Statement 1 is correct: Financial Stability and Development Council (FSDC) is an apex-level body constituted by the government of India. The idea to create such a super regulatory body was **first mooted by the Raghuram Rajan Committee in 2008**. Finally in 2010, the then Finance Ministry decided to set up such an autonomous body dealing with macro prudential and financial regularities in the entire financial sector of India.

Statement 2 is not correct: An apex-level FSDC is not a statutory body.

Statement 3 is not correct: It is headed by the Union Finance **Minister of India**. Its members include-

- o Governor Reserve Bank of India (RBI),
- o Finance Secretary and/ or Secretary, Department of Economic Affairs (DEA),

- o Secretary, Department of Financial Services (DFS),
- o Secretary, Ministry of Corporate Affairs,
- o Secretary, Ministry of Electronics and Information Technology,
- o Chief Economic Advisor, Ministry of Finance,
- o Chairman, Securities and Exchange Board of India (SEBI),
- o Chairman, Insurance Regulatory and Development Authority (IRDA),
- o Chairman, Pension Fund Regulatory and Development Authority (PFRDA),
- o Chairman, Insolvency and Bankruptcy Board of India (IBBI).

21. (c)

[SOL] In News: Recently, authorities have carried out the relocation of crocodiles from Panchmuli lake near the Statue of Unity in Narmada district, Gujarat.

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22. (b)

[SOL] In News: Recently, Ramayapalli village in Odisha's Ganjam district has witnessed a tidal wave.

Statement 1 is correct: A tidal wave is a regularly reoccurring shallow water wave caused by the gravitational interactions between the Sun, Moon, and Earth.

Statement 2 is not correct: The term "tidal wave" is often used to refer to tsunamis; however, this reference is incorrect as tsunamis have nothing to do with tides. Although both are sea waves, a tsunami and a tidal wave are two different and unrelated phenomena. A tsunami is an ocean wave triggered by large earthquakes that occur near or under the ocean, volcanic eruptions, submarine landslides or onshore landslides in which large volumes of debris fall into the water.

23. (d)

[SOL] In News: Every year, 4th July is observed as the death anniversary of Swami Vivekananda, who is regarded as one of the finest spiritual leaders and intellectuals from India.

Statement 1 is correct: He preached 'Neo-Vedanta' and believed in combining spirituality with material progress. Neo-Vedanta is a modern interpretation of Vedanta, with a liberal attitude toward the Vedas. It reconciles dualism and non-dualism and rejects the "universal illusionism" of Shankara.

Statement 2 is correct: He gave a new theory of ethics and a new principle of morality based on the intrinsic purity and oneness of the Atman. According to him, ethics is a code of conduct that helps a person to be a good citizen.

Statement 3 is correct: Social reform was a prominent element of Vivekananda's thought and he joined the Brahmo Samaj, which was dedicated to eliminating child marriage and illiteracy.

24. (c)

[SOL] In News: Recently, India has diverted excess waters under the Indus Water Treaty (IWT) 1960 to irrigate its own land.

Pair 1 is correctly matched: Baglihar, Bursar, Sawalkot, Dul hasti, Ratle, Pakal Dul on Chenab River.

Pair 2 is not correctly matched: Dul hasti is on the Chenab River.

Pair 3 is correctly matched: Nathpa Jhakri Project, Bhakra Nangal Project are on Sutlej River.

Pair 4 is not correctly matched: Thien, Chamera are on Ravi River.

25. (a)

[SOL] In News: Recently, the Ministry of Women and Child Development has invited comments/suggestions from all the stakeholders on the draft Trafficking in Persons (Prevention, Care and Rehabilitation) Bill, 2021.

Statement 1 is correct: Under Article 23, Traffic in human beings and begar and other similar forms of forced labour are prohibited.

Statement 2 is not correct: Nothing in this article shall prevent the State from imposing compulsory service for public purposes, and in imposing such service the State shall not make any discrimination on grounds only of religion, race, caste or class or any of them.

26. (d)

[SOL] In News: Recently, an albino common palm civet has made a comeback in Odisha after 129 years in Satkosia Tiger Reserve (STR).

Statement 1 is correct: Albinism is a hypo-pigmentary disorder with a total lack of melanin in hair, eyes and skin, resulting in white plumage/fur with red eyes.

Statement 2 is correct: It is a hereditary disease because it happens due to the heritable absence of functional tyrosinase enzymes in pigment cells affecting skin and hair. It is controlled via inheritance by an autosomal recessive gene in all animal species.

Statement 3 is correct: The extent and appearance of albinism varies and can be broadly described as complete albinism and leucism (partial albinism)

27. (a)

[SOL] In News: Recently, it has been decided to produce the biopic of Sir Chettur Sankaran Nair.

Statement 1 is not correct: At the 13th Session of Indian National Congress (INC) at Amaravati (1897), Nair became the youngest president of the INC in the history of the party till then and the only Malayali to hold the post ever.

Statement 2 is correct: In 1908, when Montague-Chelmsford reforms were being discussed, he criticised the English jury for being partial towards Englishmen. The final measures in the 1919 reforms were far more liberal than what was originally proposed by the government in 1916 and the credit for this goes to Nair and his uncompromising stance as part of the Viceroy's Executive Council.

Statement 3 is correct: He was critical of Gandhi's methods, especially those of non-violence, civil disobedience and non-cooperation and believed that any of these movements was destined to lead to riots and bloodshed.

28. (c)

[SOL] In News: Recently, the Indian Council of Agricultural Research (ICAR) has developed Harit Dhara.

Option C is correct: Harit Dhara is an anti-methanogenic feed supplement, which cuts down their methane emissions by 17-20 per cent and also results in higher milk production and body weight gain. It acts by decreasing the population of protozoa microbes in the rumen, the first of their four stomachs, responsible for hydrogen production and available to the archaea for reduction of CO₂ to methane. It is a win-win situation for both the environment and the livestock farmers.

29. (d)

[SOL] Statement 1 is correct: The concept of zero FIR was mainly propounded to be inserted in the Criminal Law Amendment by Justice Verma's Committee after the incident of the Nirbhaya Rape Case.

Statement 2 is not correct: The Criminal Procedure has **not mentioned the definition of the term 'FIR'**.

Statement 3 is correct: It is a mode of lodging FIR in any police station irrespective of the offense committed in that area or any other area.

30. (d)

[SOL] The 24x7 Toll-Free Mental Health Rehabilitation Helpline KIRAN (1800-599-0019) was **launched by DEPwD, Ministry of Social Justice and Empowerment**. It provides relief and support to persons with Mental Illness and in view of the growing incidence of mental illness, particularly in the wake of Pandemic COVID-19. It is working in 13 languages.

31. (a)

[SOL] In News: Recently, the Hope spacecraft, sent by the United Arab Emirates (UAE) to orbit Mars, has captured images of discrete auroras on Mars.

Statement 1 is correct: Polar lights or auroras are caused when solar wind, charged particles ejected from the Sun's surface, enter the Earth's atmosphere and interact with different gases in the atmosphere, causing a display of light in the night sky.

Statement 2 is not correct: The phenomenon of auroras is not special to Earth and can be seen on other planets as well. For example, discrete auroras of Mars, which are not restricted to the planet's poles but are seen all around the planet at night time.

Statement 3 is not correct: On the north pole of Earth, these lights are called Aurora Borealis or Northern Lights and are seen from the US (Alaska), Canada, Iceland, Greenland, Norway, Sweden and Finland. On the south pole, they are called Aurora Australis or Southern Lights and are visible from high latitudes in Antarctica, Chile, Argentina, New Zealand and Australia.

32. (b)

[SOL] In News: Recently, Indian Naval Ship (INS) Tabar has entered the Port of Naples, Italy as part of the ongoing deployment to the Mediterranean.

Pair 1 is correctly matched: Exercise Konkan is an Indian naval bilateral exercise with the Royal Navy of the United Kingdom.

Pair 2 is not correctly matched: Exercise Malabar is a trilateral naval exercise between India, USA and Japan.

Pair 3 is not correctly matched: Exercise Varuna is an Indian naval bilateral exercise with France.

Pair 4 is correctly matched: Exercise Indra is an Indian naval bilateral exercise with Russia.

33. (c)

[SOL] In News: Recently, it has been highlighted that the proposed Bunder diamond mining project may have a greater ecological impact on the region.

Option C is correct: Bunder diamond mining project is located in the Buxwaha protected forest region in Chhatarpur of Madhya Pradesh. Chhatarpur was categorised as a semi-critical region by the Central Ground Water Authority in 2017. The project was awarded to Essel Mining & Industries Limited, which stated that to meet water requirements and protect the mine from inundation, a seasonal nullah (stream) will be converted into a dam.

34. (c)

[SOL] Option c is correct: Pegasus is spyware that can be installed on devices running some versions of iOS, Apple's mobile operating system, as well on devices running Android. It was developed by the **Israeli cyberarms firm NSO Group**. It mainly uses Exploit Links for its working. Clicking on such links automatically installs Pegasus on the user's phone. The method of **Social Engineering** is used.

35. (d)

[SOL] In News: Recently, the first shipment of Geographical Indication (GI) certified Bhalia variety of wheat was exported to Kenya and Sri Lanka from Gujarat.

All the statements are correct: Bhalia is a variety of wheat that received GI certification in July 2011. It has high protein content and is sweet in taste. The crop is grown mostly across the Bhal region of Gujarat which includes Ahmedabad, Anand, Kheda, Bhavanagar, Surendranagar, Bharuch districts. This variety is grown in rainfed conditions without irrigation.

36. (d)

[SOL] In News: In a recent setback to India, Britain's Cairn Energy Plc has secured a French court order to seize around 20 government properties in Paris to recover a part of the USD 1.72 billion due from India following an arbitration panel overturning levy of retrospective taxes.

Statement 1 is correct: Permanent Court of Arbitration is an intergovernmental organization providing a variety of dispute resolution services to the international community.

Statement 2 is correct: The International Court of Arbitration does not make formal judgments on disputed matters. Instead, exercise judicial supervision of arbitration proceedings.

37. (d)

[SOL] In News: Recently, the Supreme Court (SC) has asked the Union Government to give details about the pendency of cases in the information panel.

Statement 1 is not correct: The Selection Committee is there for appointment of CIC. It consists of the Prime Minister, who shall be the Chairperson of the committee, the Leader of Opposition in the Lok Sabha and a Union Cabinet Minister to be nominated by the Prime Minister.

Statement 2 is not correct: CIC shall hold office for a term of five years from the date on which he enters upon his office. They are not eligible for reappointment.

38. (d)

[SOL] In News: Recently, India has diverted excess waters under the Indus Water Treaty (IWT) 1960 to irrigate its own land.

Option D is correct: Correct sequence of the tributaries of the Indus River from north to south is Jhelum, Chenab, Ravi, Beas and Sutlej.

39. (a)

[SOL] In News: Recently, Kerala's Thiruvananthapuram has reported Zika virus cases and the collected samples have been sent to the National Institute of Virology, Pune.

Statement 1 is correct: The Zika virus is a mosquito-transmitted infection, which is spread mostly by the bite of an infected Aedes species mosquito (Ae. aegypti and Ae. albopictus). Aedes mosquitoes are the same that transmit dengue, chikungunya and yellow fever.

Statement 2 is correct: It has mild symptoms with fever, rash, conjunctivitis, muscle and joint pain, malaise or headache. There is no specific medicine or vaccine for it.

Statement 3 is not correct: Infected individuals can transmit it to their sex partners. It can also be passed from a pregnant woman to her fetus and can cause infants to be born with microcephaly and other congenital malformations.

40. (b)

[SOL] In News: A recently published paper has concluded that there may be unknown methane-producing processes on Enceladus.

Option B is correct: Enceladus is the 6th largest moon of Saturn. NASA's Cassini spacecraft detected an unusually high concentration of methane, along with carbon dioxide and dihydrogen, in Saturn's moons by flying through their plumes. New statistical methods are being used to understand if methanogenesis (methane production by microbes) could explain the molecular hydrogen and methane on Enceladus.

41. (b)

[SOL] Statement 1 is not correct: It is mentioned in **Part 4** of the Indian Constitution.

Statement 2 is correct: It is described under Article 44 of the Indian Constitution.

42. (d)

[SOL] List of International Chemical Conventions

- Stockholm Convention on Persistent Organic Pollutants (POPs);
- Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade;
- Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal;
- Montreal Protocol on Substances that Deplete the Ozone Layer;
- Minamata Convention on Mercury;
- Chemical Weapons Convention (CWC);
- The United Nations Convention against Illicit Traffic in Narcotic Drugs and Psychotropic Substances;
- ILO's Chemicals Convention concerning Safety in the use of Chemicals at Work;
- Strategic Approach to International Chemicals Management (SAICM).

43. (a)

[SOL] Statement 1 is correct: World Wide Fund for Nature (WWF) is an independent conservation organization. It is an international non-governmental organization founded in 1961. It works in the

field of wilderness preservation and the reduction of human impact on the environment.

Statement 2 is not correct: United Nations Environment Program (UNEP) is UN's fund and Programme. Its headquarters is in Nairobi, Kenya.

44. (d)

[SOL] In News: Recently, the Union Cabinet approved modifications in the central sector scheme of financing facility under the 'Agriculture Infrastructure Fund'.

Both the statements are not correct: It is a pan India **Central Sector Scheme** launched in the year 2020. **Aim:** To provide a medium - long term debt financing facility for investment in viable projects for post-harvest management Infrastructure and community farming assets through interest subvention and financial support. **Duration:** Extended to 13 years (FY2020 to FY2032).

45. (a)

[SOL] Option A is correct: Globally considered as a **neglected tropical disease (NTD)**.

- It is a parasitic disease caused by microscopic, thread-like worms. **Wuchereria bancrofti**, is responsible for 90% of the cases. The adult worms only live in the human lymph system. The lymph system maintains the body's fluid balance and fights infections.
- **Transmission:** It is spread from person to person by mosquitoes. It is a leading cause of permanent disability worldwide.

46. (a)

[SOL] In News: Recently, the Prime Minister of India has greeted the people on the occasion of Jagannath Rath Yatra.

Statement 1 is correct: It is one of the biggest festivals in India and is among the most famous Vaishnavite rituals in India and abroad. It is held at the Jagannath Temple in Puri, Odisha (one of the Char Dhams, other 3 being Badrinath, Dwarka and Rameshwaram). For the festival, special chariots are built every year from a particular type of Neem tree wood that is later dismantled and goes to the temple kitchen to be used as firewood to cook prasad. Lord Jagannath's Rath Nandighosha has dominant colours like red and yellow. Balbhadr's chariot is called Taladhwaaja and Subhadra's chariot Devadalan Rath is coloured in red and black.

Statement 2 is not correct: The nine-day festival commemorates Lord Jagannath's annual visit to the Gundicha Temple via Mausi Maa Temple along with his siblings, Lord Balbhadr and Goddess Subhadra.

47. (c)

[SOL] In News: Recently, the proposed Lemru Elephant Reserve in Chhattisgarh has become the subject of a controversy around its area.

Option C is correct: The proposal for the Lemru Elephant Reserve, in Korba district, was passed unanimously by the Assembly in 2005 and got central approval in 2007. Lemru was planned to prevent human-animal conflict in the region, with elephants moving into Chhattisgarh from Odisha and Jharkhand. Badalkhol Tamorpingla, the other proposed elephant reserve measuring 1048.30 sq km, was notified in September 2011, however no work has begun yet.

48. (b)

[SOL] Statement 1 is not correct: As such, no specific qualifications are prescribed for being elected the Speaker. The Constitution only requires that the Speaker **should be a member** of the House.

Statement 2 is correct: The Speaker **presides over the House proceedings and joint sittings** of the two Houses of Parliament.

49. (b)

[SOL] Option B is correct: Soberana, recently developed by Cuba, is a conjugate vaccine. While there are no inherent disadvantages to taking a conjugate vaccine approach for coronavirus vaccines, they have generally been used against bacteria and not viruses.

50. (a)

[SOL] Statement 1 is not correct: Acute Encephalitis Syndrome (AES) including Japanese Encephalitis (JE) is a group of clinically similar neurologic manifestations caused by several different **viruses, bacteria, fungus, parasites, spirochetes, chemicals/ toxins etc.**

Statement 2 is correct: It is characterized as acute-onset of fever and a change in mental status (mental confusion, disorientation, delirium, or coma) and/or new onset of seizures in a person of any age at any time of the year. The disease commonly affects children and young adults and can lead to considerable morbidity and mortality.

51. (b)

[SOL] In News: Recently, the new list of Union Cabinet ministers has mentioned the name of 'Kongu Nadu', the informal name for a region in the western part of Tamil Nadu.

Statement 1 is not correct: In Tamil literature, it was referred to as one of the five regions of ancient Tamil Nadu. There were mentions of 'Kongu Nadu' in Sangam literature as a separate territory.

Statement 2 is correct: The name derives from Kongu Vellala Gounder, an Other Backward Caste (OBC) community with a significant presence in these districts.

Statement 3 is correct: The region includes prominent businesses and industrial hubs at Namakkal, Salem, Tirupur and Coimbatore.

52. (a)

[SOL] In News: After touching a six-month high in May, India's retail inflation remained unchanged in June at about 6.3 per cent.

Statement 1 is not correct: Inflation refers to the rise in the prices of most goods and services of daily or common use, such as food, clothing, housing, etc. It measures the average price change in a basket of commodities and services over time.

Statement 2 is correct: It is indicative of the decrease in the purchasing power of a unit of a country's currency. This is measured in percentage. In India, inflation is primarily measured by two main indices, Wholesale Price Index (WPI) and Consumer Price Index (CPI), which measure wholesale and retail-level price changes, respectively.

53. (d)

[SOL] In News: Recently, the world-famous Kesariya Buddha stupa in east Champaran district of Bihar has been waterlogged following floods after heavy rainfall in Gandak river's catchment areas.

Statement 1 is correct: The stupa is located in Bihar, about 110 km from Patna. It has a circumference of almost 400 feet and stands at a height of about 104 feet and is regarded as the largest Buddhist stupa in the world.

Statement 2 is correct: This is also the place where Buddha presented “Kalama Sutta”, which is arguably his most revered discourse and revolves around the acceptance of his teachings only after observation, reflection and careful scrutiny.

Statement 3 is correct: Faxian (or Fah sien), a 5th century CE Chinese Buddhist monk, in his travels, mentioned a stupa which was built over Buddha’s alms bowl by Licchavis of Vaishali. It is now believed the stupa that was referred to was none other than Kesariya stupa. Another important Chinese Buddhist monk, Hsuan-tsang, also mentioned the stupa in his travels, however, gave no details.

54. (c)

[SOL] Statement 1 is correct: Lightning discharges are generated in giant moisture-laden clouds that are 10-12 km tall.

Statement 2 is correct: Earth is a good conductor of electricity. It is electrically neutral.

55. (b)

[SOL] Option B is correct: Article 48 of Indian Constitution states that the State shall endeavour to organise agriculture and animal husbandry on modern and scientific lines and shall, in particular, take steps for preserving and improving the breeds, and prohibiting the slaughter, of cows and calves and other milch and draught cattle.

56. (b)

[SOL] In News: Recently, the world-famous Kesariya Buddha stupa in east Champaran district of Bihar has been waterlogged following floods after heavy rainfall in Gandak river’s catchment areas.

Statement 1 is not correct: The stupas were constructed over the relics of the Buddha at Rajagriha, Vaishali, Kapilavastu, Allakappa, Ramagrama, Vethadipa, Pava, Kushinagar and Pippalvina. The textual tradition also mentions construction of various other stupas on the relics of the Buddha at several places including Avanti and Gandhara which are outside the Gangetic valley.

Statement 2 is correct: The stupa consists of a cylindrical drum and a circular anda with a harmika and chhatra on the top which remain consistent throughout with minor variations and changes in shape and size.

Statement 3 is not correct: During the early phase of Buddhism, Buddha is depicted symbolically through footprints, stupas, lotus throne, chakra, etc. This indicates either simple worship or paying respect or at times depicts historicisation of life events. Gradually, narrative became a part of the Buddhist tradition and events from the life of the Buddha, the Jataka stories, were depicted on the railings and torans of the stupas.

57. (c)

[SOL] In News: Recently, it has been highlighted that green energy projects in Rajasthan are emerging as a threat for the Great Indian Bustard (GIB).

Statement 1 is correct: The GIB occurs in the Indian Subcontinent, with former strongholds in the Thar desert in the north-west and the Deccan tableland of the Peninsula. It inhabits arid and semi-arid grasslands with scattered short scrub, bushes and low intensity cultivation in flat or gently undulating terrain.

Statement 2 is correct: Power companies' high tension wires are major threat factors, leading to death of about 15 percent of GIB population due to collisions with power lines, according to the Wildlife Institute of India (WII). Apart from that, it faces the threat of poaching and habitat loss and degradation.

Statement 3 is not correct: It is classified as Critically Endangered in the IUCN Red List of Threatened Species. Apart from that, it is protected under Appendix I of the Convention on International Trade in Endangered Species (CITES) and Schedule I of the India Wildlife Protection Act, 1972.

58. (c)

[SOL] In News: Recently, British businessman Richard Branson has given the official kickstart to space tourism, however, experts and space enthusiasts are in doubt whether the height to which he travelled can be termed 'space'.

Option C is correct: The most widely accepted boundary of space is known as the Kármán line, 100km above mean sea level. According to most experts, space starts at the point where orbital dynamic forces become more important than aerodynamic forces, or where the atmosphere alone is not enough to support a flying vessel at suborbital speeds. The chemical composition of the atmosphere is largely constant up to the mesopause (boundary between mesosphere and thermosphere) so layers beyond that can reasonably be identified as 'outer space'. In the 1900s, Hungarian physicist Theodore von Kármán determined the line.

(NOTE: Please, look at the picture of atmospheric layers for better understanding.)

59. (c)

[SOL] option C is correct: Nepal shares a border of about 1850 km with five Indian States - Uttarakhand, Uttar Pradesh, Bihar, West Bengal and Sikkim.

Note: It is a map based question, please refer to the map.

60. (c)

[SOL] Option c is correct: The European Union has approved a Military Training Mission in Cabo Delgado province of Mozambique to support armed forces there to protect the civilian population. Cabo Delgado is the northernmost province of Mozambique. As well as bordering the neighbouring country of Tanzania, it borders the provinces of Nampula and Niassa. The region is an ethnic stronghold of the Makonde tribe, with the Makua and Mwani as leading ethnic minorities.

61. (b)

[SOL] Statement 1 is not correct: Tribunals were not part of the original constitution, it was incorporated in the Indian Constitution by 42nd Amendment Act, 1976.

Statement 2 is correct: Article 262: The Indian Constitution provides a role for the Central government in adjudicating conflicts surrounding inter-state rivers that arise among the state/regional governments.

62. (a)

[SOL] Statements 1 and 3 are correct: The Mandal Commission, or the Socially and Educationally Backward Classes Commission (SEBC), was established in India in 1979 by the Janata Party

government under Prime Minister Morarji Desai with a mandate to "identify the socially or educationally backward classes" of India. In 1955, after nearly two years of study, the Commission recommended that India's state boundaries should be reorganised to form 14 states and 6 territories. States Reorganisation Commission consisted of Fazal Ali, K. M. Panikkar and H. N. Kunzru. Rohini Commission, which took charge on October 11, 2017, is headed by retired Delhi high court chief justice G Rohini. The commission is constituted of Centre for Policy Studies director Dr J K Bajaj is a member and two other ex-officio members. It was set up to examine the possibility of creating categories within OBCs for the reservation to ensure "equitable distribution" of representation among all OBC communities.

63. (d)

[SOL] In News: Recently, the European Commission has announced a plan called 'Fit for 55 Package' for all its members against climate change.

Option D is correct: The package will make the EU's climate, energy, land use, transport and taxation policies fit for reducing net greenhouse gas emissions by at least 55% by 2030, compared to 1990 levels. These measures are the EU's roadmap to achieve its target to reduce emissions by 55% by 2030, compared with 1990 levels. Its target is more aggressive than that of the United States, which committed to reducing emissions by 40% to 43% over the same period, but behind Britain, which pledged a 68% reduction. It includes a contentious plan called "Carbon Border Adjustment Mechanism" which would impose tariffs on imported products based on the greenhouse gas emissions associated with them.

64. (b)

[SOL] In News: Recently, the Lt Governor of Jammu and Kashmir (J&K) has dismissed 11 government employees for alleged terror links under provisions of Article 311(2)(c) of the Constitution. Article 311 of the Constitution deals with 'Dismissal, removal or reduction in rank of persons employed in civil capacities under the Union or a State'. Under Article 311(2), no civil servant can be "dismissed or removed or reduced in rank except after an inquiry in which he has been informed of the charges and given a reasonable opportunity of being heard in respect of those charges".

65. (b)

[SOL] Statement 1 is not correct: The concept of Public Interest Litigation (PIL) originated and developed in the USA in the 1960s. In the USA, it was designed to provide legal representation to previously unrepresented groups and interests.

Statement 2 is correct: In India, the PIL is a product of the judicial activism of the Supreme Court. It was introduced in the early 1980s. Justice V.R. Krishna Iyer and Justice P.N. Bhagwati was the pioneer of the concept of PIL.

Statement 3 is correct: Public Interest Litigation is the power given to the public by courts through judicial activism. Such cases in which the victim does not have the necessary resources to commence litigation or his freedom to move court has been suppressed or encroached upon. The court can itself take cognisance of the matter and proceed suo motu or cases can commence on the petition of any public-spirited individual.

66. (a)

[SOL] In News: Recently, it has been decided that Ultraviolet-C (UV-C) air duct disinfection systems would be installed in Parliament for mitigation of Covid-19.

Statement 1 is correct: Ultraviolet Light is a type of light or radiation naturally emitted by the Sun and covers a wavelength range of 100-400 nm (human visible light ranges from 380–700 nm).

Statement 2 is not correct: UV-A and UV-B rays from the Sun are transmitted through the atmosphere and all UV-C is filtered by the ozone layer.

Statement 3 is not correct: UV-B (wavelength 280-315 nm) can only reach the outer layer of skin or epidermis and can cause sunburns and are also associated with skin cancer. UV-A (315-400 nm) can penetrate the middle layer of skin or the dermis and can cause aging of skin cells and indirect damage to cells' DNA. UV-C (100-280 nm) radiation from man-made sources has been known to cause skin burns and eye injuries.

67. (b)

[SOL] In News: Recently, the Supreme Court (SC) has allowed Kanwar Yatra with certain restrictions.

Option B is correct: Kanwar Yatra is a pilgrimage organised in the Hindu calendar month of Shravana and is related to Shaivism. Saffron-clad Shiva devotees generally walk barefoot with pitchers of holy water from the Ganga or other holy rivers. Devotees carry the pitchers of holy water on their shoulders, balanced on decorated slings known as Kanwars. Vaishnavism, another major form of modern Hinduism, is characterised by devotion to the god Vishnu and his incarnations. Shaktism is the worship of the Hindu goddess Shakti. Vajrayana is the form of Tantric Buddhism that developed in India and neighbouring countries, notably Tibet.

68. (b)

[SOL] In News: Recently, the India Meteorological Department's (IMD) Doppler radar in Colaba observatory, Mumbai has stopped working.

Statement 1 is correct: Doppler effect is the dependence of the frequency of a wave on the motion of the source. The phase shift in doppler radars works on the same lines as this effect observed in sound waves, in which the sound pitch of an object approaching the observer is higher due to compression of sound waves (a change in their phase). As this object moves away from the observer, the sound waves stretch, resulting in lower frequency.

Statement 2 is not correct: Radars based on this effect can provide information on both the position of targets as well as their movement. It does this by tracking the 'phase' of transmitted radio wave pulses; phase meaning the shape, position, and form of those pulses. As computers measure the shift in phase between the original pulse and the received echo, the movement of raindrops can be calculated and it is possible to tell whether the precipitation is moving toward or away from the radar.

69. (b)

[SOL] Statement 1 is not correct: The Tenth Schedule was inserted in the Constitution in by **52nd Amendment Act, 1985**.

Statement 2 is correct: It relates to anti defection laws which aim to prevent MPs from switching political parties for any personal motive.

70. (d)

[SOL] Option d is correct: The various applications of Unmanned Aerial Vehicles (UAVs) include:-

- Mapping of Landslide Affected Area
- Infested Crop Damage Assessment
- Large Scale Mapping of Town
- 3-Dimensional Terrain Model Construction

71. (a)

[SOL] In News: Recently, the Union Minister of Civil Aviation has virtually flagged off 8 new routes from Madhya Pradesh to Maharashtra and Gujarat to bolster regional air connectivity under Ude Desh ka Aam Naagrik (UDAN) Scheme.

Statement 1 is not correct: The UDAN Scheme was launched as a regional connectivity scheme under the Ministry of Civil Aviation in 2016. It offers a unique opportunity to a common man to fly at an affordable price.

Statement 2 is correct: The 4th round of UDAN (4.0) was launched in December 2019 with a special focus on North-Eastern Regions, Hilly States and Islands. It intends to boost inclusive national economic growth, employment opportunities, and air transport infrastructure development across the nation. It has played a major role in adding new airports and routes to the aviation landscape of the country.

72. (c)

[SOL] In News: Recently, a digital platform with the name Kisan Sarathi has been launched on the occasion of 93rd Foundation Day of the Indian Council of Agricultural Research (ICAR).

Statement 1 is correct: It is a digital platform jointly launched by the Ministry of Agriculture and Farmers Welfare and Ministry of Electronics and Information Technology. It aims to facilitate farmers to get the right information at the right time in their desired language.

Statement 2 is correct: It will empower farmers with the technological interventions to reach farmers in remote areas. With its help, farmers can interact and avail personalised advisories on agriculture and allied areas directly from the respective scientists of Krishi Vigyan Kendra (KVKs).

73. (b)

[SOL] In News: Recently, the Andhra Pradesh government has announced 10 per cent reservation for the Kapu community and other Economically Weaker Sections (EWS).

Statement 1 is not correct: The Kapus are primarily an agrarian community based in the Andhra-Telangana region forming the core of the middle castes.

Statement 2 is not correct: The original cultivator caste migrated from the Gangetic plains, probably from Kampilya (near Ayodhya) thousands of years ago. They entered what is present-day Telangana and after clearing the forests along the banks of the Godavari, settled down to farming.

Statement 3 is correct: It is one of the dominant caste groups with political influence in the state and comprises nearly 26 per cent of the state's five crore people. However, the Kapus sway is secondary to that of Kammas and Reddys, who they accuse of wielding political power, denying them their due.

74. (d)

[SOL] Statement 2 and 3 are correct: Adjournment motion is regarded as an extraordinary device because it interrupts the normal business of the House and needs the support of 50 members to be admitted in the Parliament. It is adopted to draw the attention of the House to a recent matter of urgent public importance having serious consequences. As it involves the element of censure against the government hence Rajya Sabha is not allowed to make use of this option. A no-confidence motion demonstrates to the head of state that the elected Parliament no longer has confidence in the

government. In India, the Council of Ministers is collectively responsible to Lok Sabha and it remains in office till it enjoys the confidence of majority of the members in the Lok Sabha. Thus, a motion of no-confidence is moved to remove the council of ministers and oust the government from office.

75. (a)

[SOL] Statement 1 is correct: The digital fertility map has been prepared by the scientists of Bihar Agriculture University (BAU), Sabour, in Bhagalpur district after months of hard work.

The scientists collected more than 2,500 soil samples from across Kishanganj district — some four-five samples from each of its 848 villages — to prepare the fertility map.

Statement 2 is not correct: It has provided data for soil fertility, climate related crops, how much fertiliser to be put, crop diversification and many other dimensions.

76. (a)

[SOL] In News: Recently, Florida has requested the USA to greenlight a plan to transmit the Internet to people in Cuba via high-altitude balloons.

Statement 1 is correct: For years, Alphabet (Google's parent company) worked to perfect an Internet-balloon division service called Loon. The Loon balloons are effectively cell towers the size of a tennis court. They float 60,000 to 75,000 feet (18,000- 23,000 meters) above the Earth in the Stratosphere.

Statement 2 is correct: These are made of the commonplace plastic polyethylene and use solar panels for electricity. However, they have to be replaced every five months or so because of the harsh conditions in the stratosphere.

Statement 3 is not correct: These balloons need network integration with a telecom to provide service and some equipment on the ground in the region. They also need permission from local regulators. However, the network can be set up from afar as the Loon uses multiple balloons to extend connections beyond the necessary ground link.

77. (b)

[SOL] In News: Recently, over 300 mobile phone numbers in India have been targeted by Pegasus.

Statement 1 is correct: It mainly uses exploit links for its working. Clicking on such links automatically installs Pegasus on the user's phone. The method of Social Engineering is used. In the context of information security, social engineering is the psychological manipulation of people into performing actions or divulging confidential information.

Statement 2 is not correct: It can be installed on devices running some versions of iOS (Apple's mobile operating system) and on devices running on Android. It was developed by the Israeli cyberarms firm NSO Group, which is a highly-regulated enterprise that provides government agencies an essential tool to monitor terrorists and criminals.

78. (d)

[SOL] In News: Recently, a report titled "Antimicrobial Consumption and Resistance in Bacteria from Humans and Animals" has found positive associations between antimicrobial consumption (AMC) in animals and antimicrobial resistance (AMR) in animals as well as in humans.

Option D is correct: The report analysed data for six classes of antibiotics: Third and fourth generation cephalosporins, fluoroquinolones, polymyxins, aminopenicillins, macrolides and tetracyclines. Except tetracyclines, all remaining five classes are Critically Important Antimicrobials (CIA) categorised by the World Health Organization (WHO) as critical for use in human health. Four out of these five CIAs are the Highest Priority CIAs (HPCIA), which are also included in the WHO AWaRe (Access, Watch, Reserve) classification.

79. (a)

[SOL] Statement 1 is correct: India is a signatory to the United Nations Convention against Corruption. The commitment of the Government to provide clean and responsive governance is reflected in passing of the legislation and creation of the body of Lokpal, to contain and punish acts of corruption.

Statement 2 is not correct: The Lokpal consists of a Chairperson and **eight members**. Four of the judicial members have been former Chief Justices of different High Courts and the four non-judicial members have been from All India Services/Central Services. The Chairperson and members bring with them rich experience and probity, which they have maintained in the public offices that they have held.

Statement 3 is not correct: The person who is to be appointed as the chairperson of the Lokpal should be:-

- either the former Chief Justice of India, or
- the former Judge of Supreme Court, or
- an eminent person with impeccable integrity and outstanding ability, having special knowledge and expertise of minimum 25 years in the matters relating to anti-corruption policy, public administration, vigilance, finance including insurance and banking, law and management.

80. (d)

[SOL] Pair 1 is correctly matched: Shahid Beheshti Port is in Iran.

Pair 2 is correctly matched: Gwadar Port is located in Pakistan.

Pair 3 is correctly matched: Bandar Abbas Port is situated in Iran.

Note: It is a map based question. Please locate these ports over the World Atlas to know more.

81. (c)

[SOL] In News: Recently, the National Aeronautics and Space Administration's (NASA) new spacecraft Near-Earth Asteroid (NEA) Scout has completed all required tests.

Statement 1 is correct: NEA Scout is a small spacecraft, about the size of a big shoebox and has been safely tucked inside the Space Launch System (SLS) rocket. It is one of several payloads that will hitch a ride on Artemis I, expected to be launched in November 2021.

Statement 2 is correct: It will also be USA's first interplanetary mission using a special solar sail propulsion, which uses sunlight to propel vehicles through space. It uses solar photons (sunlight) which are reflected off giant, mirror-like sails made of lightweight, reflective material. The continuous photonic pressure provides enough thrust to perform maneuvers.

Statement 3 is not correct: Its main mission is to fly by and collect data from a Near Earth Asteroid (NEA), which despite its size, could pose a threat to Earth. Understanding NEAs' properties could help develop strategies for reducing the potential damage caused in the event of an impact. Lucy will be the first NASA space mission to study the Trojans asteroids of Jupiter and will be launched in October 2021.

82. (d)

[SOL] In News: Recently, an evaluation by the global organisation Financial Action Task Force (FATF) to analyse the effectiveness of India's anti-money laundering and countering terrorist financing regime has been postponed for the second time.

Statement 1 is not correct: FATF is an inter-governmental decision-making body, established in 1989 during the G7 Summit to develop policies against money laundering. India became an Observer

at FATF in 2006. Since then, it has been working towards full-fledged membership. On 25th June 2010, India was taken in as the 34th member country.

Statement 2 is not correct: Countries that are considered a safe haven for supporting terror funding and money laundering are put in the FATF grey list, which serves as a warning to the country that it may enter the blacklist. Countries known as Non-Cooperative Countries or Territories (NCCTs) are put on the blacklist. These countries support terror funding and money laundering activities.

83. (b)

[SOL] In News: Recently, the name of Tipu Sultan has been at the centre of controversy on naming a garden after him in Govandi, a suburb in Eastern Mumbai.

Statement 1 is not correct: He preferred to do cashless, barter transactions for two reasons, one was to create a market for Mysorean goods and workmen abroad and the other, more important reason, was to curtail the drain of wealth out of India, which the Europeans, especially the British, were notorious for.

Statement 2 is correct: In the second Anglo-Mysore War (1780-84), Tipu defeated Colonel John Brathwaite on the banks of the Kollidam (Coleroon) River, with the help of his rockets. This was the first defeat of British in India.

Statement 3 is correct: He realised the power of technology, combined with discipline, and set up four innovation hubs (like modern-day tech parks) in Bengaluru, Chitradurga, Srirangapatna and Bidanur and called them Taramandalpets.

Statement 4 is not correct: The third Anglo-Mysore War (1790-92) broke out as Tipu provoked British invasion by attacking their ally, the raja of Travancore. Consequently, in 1790, Governor-General Lord Cornwallis dropped his name from the list of the company's "friends". Tipu held the British at bay for more than two years, but by the Treaty of Seringapatam (March 1792) he had to cede half his dominions.

84. (b)

[SOL] Option B is correct: Defence Acquisition Council (DAC) is headed by the Defence Minister. The objective of the DAC is to ensure expeditious procurement of the approved requirements of the Armed Forces, in terms of capabilities sought, and time frame prescribed, by optimally utilizing the allocated budgetary resources.

85. (b)

[SOL] Option B is correct: The Mid Day Meal Scheme was mandated to provide children in government schools with a free cooked meal with a minimum energy content of 450 kcal and 12 gm of protein for primary (I-V class) and 700 calories and 20 gm protein for upper primary (VI-VIII class). It is a centrally sponsored scheme. AGMARK is used to check the quality of items provided. This scheme works under the Ministry of Education.

86. (c)

[SOL] In News: Recently, the inventory of Swiss Glacial lakes has shown that almost 1,200 new lakes have formed in formerly glaciated regions of the Swiss Alps since the end of the Little Ice Age (LIA) around 1850.

Statement 1 is correct: Alps Mountain Range is a small segment of a discontinuous mountain chain that stretches from the Atlas Mountains of North Africa across southern Europe and Asia to beyond the Himalayas. Like Himalayan mountains, the Alps are young fold mountains with rugged relief and high conical peaks.

Statement 2 is not correct: They form a natural barrier and division between northern and southern Europe. The mountain passes through the Swiss Alps have provided important trade routes connecting Italy with European countries to the north.

Statement 3 is correct: The Alps form part of France, Italy, Switzerland, Germany, Austria, Slovenia, Croatia, Bosnia and Herzegovina, Montenegro, Serbia and Albania. However, only Switzerland and Austria can be considered true Alpine countries due to the most coverage.

87. (d)

[SOL] In News: Recently, the Defence Ministry has issued the Request For Proposal (RFP) for construction of six advanced conventional submarines for the Navy under Project-75 India or P-75I.

Option D is correct: P-75I envisages indigenous construction of six modern conventional submarines with contemporary equipment, weapons and sensors including Fuel-Cell based Air Independent Propulsion (AIP) system, advanced torpedoes, modern missiles and state-of-the-art countermeasure systems. It will be an important step towards meeting broader national objectives, encouraging self reliance and aligning the defence sector.

88. (b)

[SOL] In News: Recently, the Organisation of Petroleum Exporting Countries (OPEC) and its allies led by Russia (OPEC+) have agreed to gradually withdraw Covid-19 related production cuts by September 2022.

Statement 1 is correct: The Organization of the Petroleum Exporting Countries (OPEC) is a permanent and intergovernmental organization. It was created at the Baghdad Conference in September 1960 by Iran, Iraq, Kuwait, Saudi Arabia and Venezuela. Libya, UAE, Algeria, Nigeria, Angola, Gabon, Equatorial Guinea and Congo joined it later.

Statement 2 is not correct: In 2016, OPEC allied with other top non-OPEC oil-exporting nations to form an even more powerful entity named OPEC+ or OPEC Plus. These 10 world's major non-OPEC oil-exporting nations are Azerbaijan, Bahrain, Brunei, Kazakhstan, Malaysia, Mexico, Oman, Russia, South Sudan and Sudan. India is not a part of the group.

89. (d)

[SOL]

In News: UNESCO recently removed Liverpool from the world heritage list.

Statement 1 is not correct: Liverpool is a city on the banks of the **River Mersey** in England.

Statement 2 is not correct: It lies on the **Western Coast** of the United Kingdom.

Note: Please refer to the map for this.

90. (d)

[SOL] Statement 1 is not correct: The provisions of **Article 243ZR shall apply to the multi-State co-operative societies** subject to the modification that any reference to "Legislature of a State", "State Act" or "State Government" shall be construed as a reference to "Parliament", "Central Act" or "the Central Government" respectively.

Statement 2 is not correct: **Article 43B (in Directive Principles of State Policy)** says 'that states shall endeavour to promote voluntary formation, autonomous functioning, democratic control and professional management of cooperative societies.'

91. (d)

[SOL] In News: Recently, the Foreign Minister of Bangladesh has clarified that India can join the China-led South Asian initiative.

Statement 1 is not correct: The China-South Asian Countries Emergency Supplies Reserve and a Poverty Alleviation and Cooperative Development Centre were set up in China on 8th July 2021. It is an e-commerce economic cooperation forum and an emergency storage facility for vaccines, which would also work as a poverty alleviation centre to deal with economic issues arising in South Asia due to Covid-19.

Statement 2 is not correct: Foreign Ministers of China, Afghanistan, Bangladesh, Nepal, Pakistan and Sri Lanka held a meeting in April and set it up, leaving out India, Bhutan and the Maldives. All these countries except for China are members of the South Asian Association for Regional Cooperation (SAARC).

92. (c)

[SOL] In News: Recently, Gwalior and Orchha (Madhya Pradesh) have been selected by the United Nations Educational, Scientific and Cultural Organization (UNESCO) under the Historic Urban Landscape Project.

Option C is correct: On 10th November 2011 UNESCO's General Conference adopted the new Recommendation on the Historic Urban Landscape by acclamation, the first such instrument on the historic environment issued by UNESCO in 35 years. The project was started for the inclusive and well-planned development of fast-growing historical cities while preserving the culture and heritage. Apart from newly selected Gwalior and Orchha (Madhya Pradesh), Varanasi (Uttar Pradesh) and Ajmer (Rajasthan) are the other two Indian cities recognised under the project.

93. (a)

[SOL] In News: Recently, the Border Roads Organisation (BRO) has conducted the last blast for the under-construction Sela Tunnel.

Statement 1 is not correct: It aims to provide all weather connectivity to Tawang, Arunachal Pradesh through the Balipara-Charduar-Tawang Road.

Statement 2 is correct: The Border Roads Organisation (BRO) is constructing it using the latest New Austrian Tunneling Method (NATM), which has the economic advantage of employing inherent geological strength available in the surrounding rock mass to stabilize the tunnel wherever possible rather than reinforcing the entire tunnel.

Statement 3 is correct: On completion, it will be the longest bi-lane road tunnel in the world at an altitude above 13,000 feet. It is much below the snow line allowing all weather travel without the challenges of snow clearance and will reduce travel time and ensure speedier movement across the Sela Pass.

94. (b)

[SOL] Statement 1 is not correct: Microplastics are **insoluble in water**.

Statement 2 is correct: Polyamide, commonly known as nylon, is used as a natural fibre and as metal wires in clothing and industry, is also a microplastic.

95. (c)

[SOL] Statement 1 is correct: Remote Sensing sensors record earth's reflectance in different wavelengths. This technology allows us to remotely capture features of Earth's surface by using various sensors that are typically mounted on satellites or airborne vehicles.

Statement 2 is correct: These received reflectance values are processed to create a separate image for each wavelength. The reflectance value is stored for different wavelengths in different layers, which are also called bands present in that satellite image.

96. (b)

[SOL] In News: Recently, Maharashtra has become the first State in India to join hands with EV100 campaign.

Statement 1 is correct: EV100 is a global initiative bringing together forward looking companies committed to accelerating the transition to electric vehicles (EVs). It aims to make electric transport the new normal by 2030 by encouraging companies to switch from vehicles running on fossil fuels to EVs and install charging infrastructure.

Statement 2 is not correct: It is an initiative by Climate Group's, which is an international non-profit organisation, acting as a bridge between private companies and the State government to ease the process of shifting their fleets to EVs.

97. (d)

[SOL] In News: Recently, the United Arab Emirates's (UAE) National Center of Meteorology opted to go for cloud seeding to beat the extreme weather conditions.

Statement 1 is not correct: Cloud seeding is a kind of weather modification technology to create artificial rainfall. However, it works only when there are enough pre-existing clouds in the atmosphere.

Statement 2 is not correct: In this process either silver iodide, potassium iodide or dry ice (solid carbon dioxide) is dumped onto the clouds which aid in the process of condensation and cause rainfall.

Statement 3 is correct: Cloud-seeding chemicals can be dispersed in clouds either by fly-through aircraft or by ground-based dispersion devices that use rockets or guns to fire canisters into the sky.

98. (a)

[SOL] In News: Recently, the Chief Minister of Karnataka has received huge support from the Lingayat community amid speculation of a change of leadership.

Statement 1 is not correct: The term Lingayat denotes a person who wears a personal linga, an iconic form of god Shiva, on the body which is received during the initiation ceremony. Lingayats had been classified as a Hindu subcaste called "Veerashaiva Lingayats" and they are considered to be Shaivites. Lingayats are the state's single largest community, at nearly 17 per cent of the population, mostly in the north Karnataka region.

Statement 2 is correct: The tradition of Lingayatism is known to have been founded by social reformer and philosopher Basavanna in 12th century Karnataka. Their emergence can be located within the larger trend of Bhakti movements that had swept across South India from the 8th century AD onwards.

99. (a)

[SOL] In News: Recently, a plea has been filed in Delhi High Court to exercise the right of being forgotten.

Option A is correct: The Supreme Court confirmed that the Right to Privacy is a Fundamental Right that does not need to be separately articulated but can be derived from Articles 14, 19 and 21 of the Constitution of India. It is a natural right that subsists as an integral part to the right to life and liberty.

100. (a)

[SOL] In News: Recently, the Lieutenant Governor of Delhi granted powers of detaining authority to the Chief of Delhi Police.

Statement 1 is correct: Under Entry 9 of List I (better known as the 'Union List'), Parliament has the exclusive power to enact a law for preventive detention for the reasons connected with defence, foreign affairs, or security of India.

Statement 2 is not correct: Article 22 of the Indian Constitution provides protection against arrest and detention in certain cases.

101. (b)

[SOL] In News: Recently, it has been suggested to deploy HAM radio (also known as amateur radio) technology in cyclone prone coastal areas in Odisha and West Bengal.

Statement 1 is not correct: It is the use of radio frequency spectrum for non-commercial two-way radio communications including exchange of messages, wireless experimentation, self-training, private recreation, radiosport, contesting and emergency communication.

Statement 2 is not correct: According to the Indian Wireless Telegraphs (Amateur Service) Amendment Rules, 1984, any citizen of India who is above 12 years of age can become a ham by qualifying in the Amateurs Station Operators (ASO) examination and obtaining a valid Amateur wireless telegraph station license.

Statement 3 is correct: The HAM operators employ high frequency signals to connect with other operators and it comes handy when mobile connectivity is down as it can be set up anywhere so it is extremely helpful in a State's disaster preparedness and management.

102. (a)

[SOL] In News: Recently, casualties have been reported after clashes on the issue of compensation for damages to Maguri-Motapung wetland (or beel).

Option a is correct: The Maguri-Motapung wetland is located close to the Dibru Saikhowa National Park in Upper Assam's Tinsukia district. It derives its name from 'Magur', local word for the catfish *Clarius batrachus*, once found here in abundance. The second half of the name comes from a village nearby and Beel is the Assamese word for wetland. It is a critical part of the Dibru-Saikhowa Biosphere Reserve, an ecological corridor to Namdapha National Park and sustains the ecological integrity of the Indo-Burma Biodiversity Hotspot.

103. (d)

[SOL] In News: Recently, the Prime Minister of India has paid tributes to Chandra Shekhar Azad on his Jayanti. He was born on 23rd July 1906 in Bhavra village of Alirajpur princely state, which currently falls under the Jhabua district of Madhya Pradesh.

Statement 1 is correct: He was drawn into the Indian national movement at a young age and participated in Mahatma Gandhi's Non-cooperation Movement (1920–22). He was caught by the police and famously gave his name as Azad (Free or Liberated) upon enquiry by the British officials.

Statement 2 is correct: The suspension of Non-cooperation in February 1922 disappointed him and he joined the radical Hindustan Republican Association (HRA). He was known for his organizational skills and played a key role in reorganizing it as the Hindustan Socialist Republican Association (HSRA).

Statement 3 is correct: He actively participated in several crimes, notably the Kakori train robbery (1925) and the revenge killing of a British police officer John Saunders (1928). He was given the nickname 'quicksilver' by Ramprasad Bismil for his ability to move undetected between party hideouts.

104 (d)

[SOL] The European merchants and travellers were mesmerised by the beauty of the temple and one such traveller had remarked that the temple was the '**brightest star in the galaxy of medieval temples of the Deccan**'. The historic Rudreswara Temple, popularly known as Ramappa Temple, near Warangal has received the coveted World Heritage status by the United Nations Educational, Scientific and Cultural Organisation (UNESCO).

105. (c)

[SOL] Statement 1 is correct: An exoplanet or extrasolar planet is a planet outside the Solar System. The first possible evidence of an exoplanet was noted in 1917, but was not recognized as such. The first confirmation of detection occurred in 1992.

Statement 2 is correct: Saturn's rings are made of ice and rock. These pieces vary in size. Some are as small as a grain of sand. Others are as large as a house.

106. (b)

[SOL] In News: Recently, the Central government informed that there were no **Great Indian Bustards (GIB)** in Kutch Bustard Sanctuary (KBS) as of January 1 2021.

Statement 1 is not correct but statement 2 is correct: Great Indian Bustards is a large bird with brown-and-white feathers with black crowns and wing markings. It is the **largest** among the **four bustard species found in India**. It is the **state bird of Rajasthan**. The other three being **MacQueen's bustard, lesser florican and the Bengal florican**. The species occurs in the **Indian Subcontinent**, with former strongholds in the **Thar Desert** in the northwest and the Deccan tableland of the Peninsula. The International Union for Conservation of Nature Red List of Threatened Species classifies it as **Critically Endangered**.

107. (c)

[SOL] In News: Recently, casualties have been reported after clashes on the issue of compensation for damages to Maguri-Motapung wetland (or beel).

- The wetland derives its name from '*Magur*', the local word for the catfish *Clarius batrachus*, once found here in abundance. The second half of the name comes from a village nearby and Beel is the Assamese word for the wetland.
- It is located close to the Dibru Saikhowa National Park in **Upper Assam's Tinsukia district**.
 - o The Dibru river flows from east to west through the wetland. To the northwest of the wetland is a river, which was once called Dangori. It has been captured by the bigger river Lohit.
- The wetland regime is a critical part of the Dibru-Saikhowa Biosphere Reserve, an ecological corridor to Namdapha National Park and sustains the ecological integrity of the Indo-Burma Biodiversity Hotspot.
- This landscape is mostly water and comprises wetlands, swamp forests and grasslands.

- o It has a grassland adjacent to it and the entire ecosystem (grassland and wetland) is very important as it is home to at least 304 bird species, including a number of endemic ones like Black-breasted parrotbill and Marsh babbler.
- It is home to 37 species of mammals, 503 species of birds, 42 species of reptiles, 17 species of amphibians, 104 species of fish and 105 species of butterflies, according to one 2016 survey.
 - o It has over 110 bird species, of which eight are regarded as threatened by the IUCN, which include the Falcated Duck, Ferruginous duck and Swamp Prinia.
 - o The Lesser Adjutant, Baikal Teal, Swamp Francolin and Marsh Babbler are classified as less threatened.
- It was declared an Important Bird and Biodiversity Area (IBA) in 1996 by the Bombay Natural History Society.
- In May 2020, it was adversely affected by a blowout and fire at an Oil India Limited-owned gas well.
 - o The resulting oil spill killed a number of fish, snakes as well as an endangered Gangetic dolphin, and the fire had burnt a large portion of the grassland.

108. (d)

[SOL] In News: Recently, the Tripura government has taken all-out initiatives to encourage farmers for commercial cultivation of agar.

Statement 1 is not correct: The tree is native to North East India and the distribution ranges from the foothills of the Himalayas to Papua New Guinea. It is an economically important and fast-growing evergreen tree species.

Statement 2 is correct: Its fragrant dark resinous wood is used in incense, perfume and small carvings and is known as the 'Wood of the Gods'.

Statement 3 is correct: The fragrant Agarwood is formed due to complex biotic, abiotic and stress-induced resin on the Aquilaria tree, which is pale, odourless and relatively light when healthy. For fragrance generation, it must first become infected with mold named *Phialophora Parasitica*. It produces a dark aromatic resin which is called aloes in response to the attack of the external forces, which results in a very dense, dark, resin-embedded wood.

Statement 4 is not correct: It is listed as critically endangered on the IUCN Red List and is listed on Appendix II of CITES.

109. (c)

[SOL] In News: Recently, three monuments in Andhra Pradesh have been identified under the Adarsh Smarak Scheme.

Statement 1 is correct: The Ministry of Culture has taken up the scheme to develop and maintain 100 monuments protected by the Archaeological Survey of India (ASI) in the country.

The scheme was launched on 26th December 2014. It aims at providing improved visitor amenities, especially for the physically challenged, besides cleanliness, drinking water, and interpretation centres, cafeteria, souvenir shop, wi-fi, garbage disposal etc. To make the monument visitor friendly.

Statement 2 is correct: The monuments of Nagarjunakonda in Guntur, Buddhist remains of Salihundam in Srikakulam and Veerabhadra temple (Lepakshi) in Anantapur have been identified under the Adarsh Smarak Scheme for providing additional facilities like Wi-Fi, cafeteria, interpretation centre, Braille signages, illumination and others.

110. (c)

[SOL] In News: Recently, the Prime Minister of India has paid tributes to Bal Gangadhar Tilak on his Jayanti.

Option C is correct: Tilak founded the Deccan Education Society in 1884, which became the basis for his political career. In 1893, he started organising the Ganesh festival and (Shivaji festival in 1895) to widen the popularity of the nationalist movement. In 1907, he attended the Surat Session of Congress where he attempted to persuade the Congress Party to adopt his militant programme, which led to his clash with the Moderates culminating in Congress's split. In 1916, he rejoined the Congress Party and concluded the Lucknow Pact with Mohammed Ali Jinnah, which provided for Hindu-Muslim unity in the nationalist struggle.

111. (d)

[SOL] In News: The fort at Gandikota in **Kadapaa district** has been included in the government's **Adopt a Heritage scheme** to bring in **additional funds** for its **maintenance and management**. It is a collaborative effort by the **Ministry of Tourism, Ministry of Culture, Archaeological Survey of India and State/ UTs Government** for developing tourism amenities at heritage/ natural/ tourist sites spread across India for making them tourist-friendly, in a planned and phased manner. **Private and Public Sector Companies, Trusts, NGOs and Individuals are eligible for adopting heritage site (s)/ monument (s)** under this project. However, the finalization of this interest will depend on their evaluation of their proposal and other criteria provided under the project guidelines

112. (b)

[SOL] In News: The National Aeronautics and Space Administration (NASA) is set to launch the James Webb Space Telescope (JWST).

Statement 1 is correct: It will be a large infrared telescope and will study every phase in the history of the Universe, ranging from the first luminous glows after the Big Bang, to the formation of solar systems capable of supporting life on planets like Earth, to the evolution of the Solar System.

Statement 2 is correct: It has an approximately 6.5-meter primary mirror which is made of 18 separate segments (made of ultra-lightweight beryllium) that unfold and adjust to shape.

Statement 3 is not correct: It is an international collaboration between NASA, the European Space Agency (ESA) and the Canadian Space Agency (CSA). The NASA Goddard Space Flight Center is managing the development effort.

113. (a)

[SOL] In News: Recently, UNESCO has added historic Paseo del Prado and Retiro Park to its list of World Heritage Sites.

Option A is correct: Paseo del Prado and Retiro Park are located in Madrid which is the capital of Spain. UNESCO described the locations as landscapes of arts and sciences, putting them under the list of cultural sites. The area is exceptional because it was "the first promenade within the city limits of all European cities and capitals" for the enjoyment of "all citizens, without distinction of strata or class". Paseo del Prado is a wide tree-lined avenue that is home to prominent and prestigious buildings like the Prado Museum. Retiro Park is a 125-hectare green space and was originally built for the personal use of King Felipe IV in the 17th century.

114. (a)

[SOL] Statement 1 and 2 are correct: Gharib Nawaz Employment Scheme aims to **provide short term job oriented skill** development courses to minorities' youth in order to enable them for skill-based employment.

- As per the scheme guidelines, employment opportunities (organized & unorganized Sectors) are being provided to all the beneficiaries. The PIA is mandated to place a minimum of 70% of trainees out of total trained trainees.

Statement 3 is not correct: Maulana Azad Education Foundation, an autonomous body under the aegis of the **Ministry of Minority Affairs** implements the **Gharib Nawaz Employment Scheme**. This scheme will be implemented as per common norms of the **Ministry of Skill Development & Entrepreneurship (MSD&E)** through the empanelled Program Implementation Agencies (PIAs).

115. (d)

[SOL] The following Reports are released by IMF:

- World Economic Outlook (WEO),
- Global Financial Stability Report (GFSR), and
- Fiscal Monitor (FM).

World Development Report is released by **World Bank**

116. (a)

[SOL] In News: Recently, the Harappan city of Dholavira, known locally as Kotada (which means large fort), has been named the 40th Indian site on UNESCO's World Heritage list.

Statement 1 is correct: Dholavira is located on Kadir island in the Rann of Kutch in Gujarat. The location was strategically chosen to harness different mineral and raw material sources and to facilitate internal as well as external trade to the Magan and Mesopotamian regions.

Statement 2 is not correct: Dholavira flourished for nearly 1,500 years, representing a long continuous habitation and passed through all the stages of the Harappan culture from circa 2900 BC to 1500 BC. Apart from it, only Lothal saw all stages while most of the other sites saw only the early or late stages.

Statement 3 is correct: Dholavira had an excellent rainwater harvesting system which was a feature not present in other Harappan Civilization sites. Dams were built to channelize the water into reservoirs. Such elaborate water conservation methods of Dholavira are unique and measure as one of the most efficient systems of the ancient world.

Statement 4 is not correct: Lothal was one of the first Harappan towns to cultivate rice. Evidence of rice cultivation has emerged at Rangpur as well during excavations but no such evidence is available for Dholavira.

117. (c)

[SOL] In News: Recently, the Bamboo Oasis on Lands in Drought (BOLD) project has been initiated.

Statement 1 is correct: It has been launched by Khadi and Village Industries Commission (KVIC) as part of its Khadi Bamboo Festival to celebrate 75 years of independence, "Azadi ka Amrit Mahotsav". It aims at serving the combined national goals of reducing desertification and providing livelihood and multi-disciplinary rural industry support to the local population.

Statement 2 is correct: It seeks to create bamboo-based green patches in arid and semi-arid land zones. Bamboos are known for conserving water and reducing evaporation of water from the land surface, which becomes significant for arid and drought-prone regions. Also, bamboos grow very fast and could be harvested in about three years' time.

118. (b)

[SOL] In News: Recently, the Agriculture Minister has clarified that the Government plans to set up a federated National Farmers Database using digitised land records.

Statement 1 is correct: The database is being built by taking the publicly available data (with the Ministry and in other data silos) linking them with the digitised land records.

Statement 2 is not correct: As of now, it will include the farmers, who are legal owners of the agricultural land as per the government database, leaving out landless farmers.

Statement 3 is correct: It would serve as the core of the envisaged Agristack, which is a digital ecosystem of agriculture. It will help the government in effective planning towards increasing the income of farmers in particular and improving the efficiency of the agriculture sector as a whole.

119. (b)

[SOL] In News: 12th Edition of Indo-Russia joint military Exercise INDRA 2021 will be held at Volgograd, Russia from 01 to 13 August 2021.

Pair 1 is not correctly matched: Exercise Indra is a joint military exercise between India -Russia

Pair 2 is correctly matched: Dharma Guardian is the joint military exercise between India and Japan.

Pair 3 is not correctly matched: Nomadic Elephant is a joint military exercise between Indian-Mongolian Army.

120. (d)

[SOL] In News: Recently, Raksha Mantri Shri Rajnath Singh addressed SCO Defence Ministers' meeting in Dushanbe, Tajikistan. SCO is a permanent intergovernmental international organisation. The SCO's main goals are as follows: strengthening mutual trust and neighbourliness among the member states; promoting their effective cooperation in politics, trade, the economy, research, technology and culture, as well as in education, energy, transport, tourism, environmental protection, and other areas; making joint efforts to maintain and ensure peace, security and stability in the region; and moving towards the establishment of a democratic, fair and rational new international political and economic order. The SCO comprises eight member states, namely the Republic of India, the Republic of Kazakhstan, the People's Republic of China, the Kyrgyz Republic, the Islamic Republic of Pakistan, the Russian Federation, the Republic of Tajikistan, and the Republic of Uzbekistan. The SCO counts four observer states, namely the Islamic Republic of Afghanistan, the Republic of Belarus, the Islamic Republic of Iran and Mongolia.

121. (a)

[SOL] In News: India has 501.83 million tonnes of gold ore reserves as of April 1, 2015, according to National Mineral Inventory data. Gold has been the one material that is universally accepted in exchange for goods and services.

Option A is correct: India's Forex Reserve also includes Gold along with Foreign Currency Assets (such as the dollar) and Special Drawing Rights. The United States has the largest gold reserve with more than 8,000 metric tons of gold and stands at the first spot. In India, The largest reserves of gold ores are located in Bihar (44 per cent), followed by Rajasthan (25 percent), Karnataka (21 per cent), West Bengal (3 percent), Andhra Pradesh (3 percent), Jharkhand (2 percent). The remaining 2 percent reserves are in Chhattisgarh, Madhya Pradesh, Kerala, Maharashtra and Tamil Nadu.

122. (d)

[SOL] In News: Recently, the 12th edition of exercise INDRA NAVY was held in the Baltic Sea.

Statement 1 is not correct: The exercise was initiated in 2003 and epitomises the long-term strategic relationship between the two navies. It is a biennial bilateral maritime exercise.

Statement 2 is not correct: It is conducted between the Indian Navy and the Russian Navy and aims to consolidate interoperability built up by the two Navies over the years and also to enhance understanding and procedures for multi-faceted maritime operations.

123. (c)

[SOL] In News: Recently, the Minister of State for Space has clarified that the Chandrayaan-3 is likely to be launched during the third quarter of 2022.

Pair 1 is correctly matched: Chandrayaan-1 took off from the Satish Dhawan Space Centre at Sriharikota in October 2008 and entered Lunar Transfer Trajectory in November 2008. It ejected the Moon Impact Probe near the lunar South Pole and confirmed the presence of water molecules on the Moon's surface.

Pair 2 is correctly matched: Chandrayaan-2 was launched in July 2019 and was scheduled to be an effort aimed at landing a rover on the Lunar South Pole. Its lander Vikram crashed and prevented rover Pragyaan from successful travel on the surface of the moon.

Pair 3 is not correctly matched: Chandrayaan-3 is the third Moon mission of the Indian Space Research Organisation (ISRO) and successor of Chandrayaan-2 mission. A geosynchronous launch vehicle, the GSLV-Mk 3, was used to send Chandrayaan-2 and the carrier for Chandrayaan-3 has not been decided yet.

124. (d)

[SOL] In News: Recently, award-winning artisan weaver, B Krishnamoorthy, has been creating a repository with samples of all the designs, patterns and motifs traditional to Kanjeevaram silk sari weaving, preserving fine pieces for posterity.

Option D is correct: Kanchipuram silk sarees are woven from pure mulberry silk and are associated with Kanchipuram region in Tamil Nadu, from which it derives its name as well. The silk belongs to South India and the pure gold and silver zari comes from Gujarat. Tracing its long and rich history from the Chola Dynasty, Kanchipuram sarees today are considered as one of the oldest and rich legacies of the Indian textile industry. It has been recognized as a Geographical indication product in 2005-2006.

125. (b)

[SOL] In News: Humanity has again used up all biological resources that the Earth regenerates during the entire year by 29th July 2021, according to the World Wide Fund for Nature (WWF).

Statement 1 is not correct: The Earth Overshoot Day marks the date when humanity's demand for ecological resources in a given year exceeds what Earth can regenerate in that year. Humanity currently uses 74 per cent more than what the planet's ecosystems can regenerate (or equal to 1.7 Earths). From this Day until the end of the year, humanity operates on ecological deficit spending.

Statement 2 is correct: For the day to come this early in 2021, the prime driver responsible was the 6.6 per cent increase in the global carbon footprint in 2020 and also, there was a 0.5 per cent decrease in 'global forest biocapacity' due to a rise in deforestation of the Amazon's rainforests.

126. (a)

[SOL] In News: Recently, the Ministry of Rural Development started a scheme to provide facilities to women farmers namely, Mahila Kisan Sashaktikaran Pariyojana (MKSP).

Statement 1 is correct: MKSP aims to empower women in agriculture by making systematic investments to enhance their participation and productivity and also creates and sustains agriculture-based livelihoods of rural women. It seeks to enable women to gain better access to the inputs and services provided by the government and other agencies.

Statement 2 is not correct: It was launched by the Ministry of Rural Development and is a sub-component of Deendayal Antyodaya Yojana-National Rural Livelihood Mission (DAY-NRLM), which is under implementation since 2011 through State Rural Livelihoods Mission as Project Implementation Agencies.

127. (b)

[SOL] In News: Recently, the Harappan city of Dholavira has been named the 40th Indian site on UNESCO's World Heritage list.

Pair 1 is not correctly matched: Lothal dockyard is one of the most distinctive features of Harappan civilization. It is situated on the eastern side of Lothal. This was enclosed by walls of burnt bricks. There is a mud brick platform on the western embankment here which may have been used as a platform for loading and unloading of goods.

Pair 2 is correctly matched: At Amri, the actual remains of rhinoceros have been excavated.

Pair 3 is correctly matched: High quality barley has been found in Banawali excavations.

Pair 4 is not correctly matched: In the last phase excavations of Surkotada, bones of horses were discovered, which is a rare finding in the Harappan civilization.

128. (d)

[SOL] In News: Recently, the Minister of State for Food Processing Industries has given information about the Prime Minister Formalisation of Micro-food processing Enterprises (PMFME) Scheme in Rajya Sabha.

Statement 1 is not correct: The PMFME scheme is a Centrally Sponsored scheme (fully funded by the Union). Central Sector Schemes are jointly funded by the Centre and states with different ratios. It is to be implemented over a period of five years from 2020-21 to 2024-25 with a total outlay of Rupees 10,000 crore.

Statement 2 is not correct: It aims to enhance the competitiveness of existing individual micro-enterprises in the unorganized segment of the food processing industry. It has a special focus on supporting Groups engaged in Agri-food processing such as Farmer Producer Organizations (FPOs), Self Help Groups (SHGs) and Producers Cooperatives along their entire value chain.

129. (c)

[SOL] In News: Recently, Raja Mircha has been exported to London via Guwahati by air for the first time.

Option C is correct: Raja Mircha is also known as King Chilli and it is considered as the world's hottest on the basis of Scoville Heat Units (SHUs). It is highly perishable in nature and belongs to the genus Capsicum of the family Solanaceae. The chilli from Nagaland is also referred to as Bhoot Jolokia or Ghost pepper. It was certified as a Geographical Indications (GI) tag to the state of Nagaland in 2008.

130. (d)

[SOL] In News: Recently, the Cabinet cleared amendments to the Limited Liability Partnership (LLP) Act of 2008, to whittle down several provisions.

Statement 1 is not correct: LLPs allow for a partnership structure where each partner's liabilities are limited to the amount they put into the business. Having business partners means spreading the risk, leveraging individual skills and expertise, and establishing a division of labor.

Statement 2 is not correct: Limited liability means that if the partnership fails, then creditors cannot go after a partner's personal assets or income. LLPs are common in professional business like law firms, accounting firms, and wealth managers.

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