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- 1. As per ECI, which of the following are the grounds for Derecognition of a Political Party as National party?
  - 1. If the party fails to secure at least 6% of the total votes polled in the general election to the LS or the legislative assembly of the state concerned
  - 2. If the party fails to hold its organizational elections on time.
  - 3. If the party fails to submit its audited accounts to the ECI on time.

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
- 2. Consider the following statements:
  - 1. Only the Great One-Horned Rhino is found in India.
  - 2. The Great One-Horned Rhino is listed as Vulnerable in IUCN Red List.
  - 3. The species is restricted to small habitats in Indo-Nepal terai and northern West Bengal and Assam.

Which of the statements given above is/are correct?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 3 only
- (d) 1, 2 and 3 only
- 3. With respect to National Mission on Natural Farming (NMNF), consider the following statements:
  - 1. Under this scheme, farmers will receive financial assistance of Rs. 15,000 per hectare per year for three years.
  - A Web portal was also created for the promotion of natural farming with information on the implementation framework.

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
- 4. With reference to Black Holes, consider the following statements:
  - Black holes are regions of space-time where gravity is very weak and objects like light can easily escape from them
  - 2. They play a role in the formation and evolution of galaxies and the distribution of matter throughout the universe.

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
- 5. Consider the following statements:
  - 1. Waste Processing in India has gone up by over 4 times from 17% in 2014 to 75% in 2023.
  - 2. The Garbage Free Cities (GFC)-Star rating protocol was launched by the Ministry of Housing and Urban Affairs (MoHUA) in 2021.

Which of the statement is/are correct?

- (a) 1 Only
- (b) 2 Only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 6. Consider the following statements:
  - The India's official Tibetan policy allows the Tibetan community in India to undertake peaceful religious and political activities.
  - Dalai Lama, who is spiritual head of a dominant Buddhist school in Tibet, nominates his successor before his death.

Which of the above statements is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 7. Consider the following statements about India's Generic medicines:
  - 1. India is the largest provider of generic medicines and the leading vaccine manufacturer, globally.
  - 2. DCGI acts as an appellate authority in case of disputes regarding the quality of drugs.
  - According to World Trade organization (WTO), generic copies of drugs are legal from the patent point of view when they are made after the patent has expired.

Which of the above is/are correct?

- (a) 2 and 3 only
- (b) 1 and 2 only
- (c) 1, 2 and 3 only
- (d) 3 only
- 8. Consider the following statements:
  - 1. Common Salt help regulate the balance of fluids in the body.
  - 2. FSSAI has initiated the 'Aaj Se Thoda Kam' campaign to reduce the intake of salt in the diet.
  - 3. Excessive salt intake can have dangerous consequences such as Hypertension.

Which of the statements given above is/are correct?

- (a) 1 and 2 only
- (b) 2 only
- (c) 3 only
- (d) 1, 2 and 3 only
- 9. Consider the following pairs of India's naval military exercises with different countries:

Match-1 Match-2

1. SLINEX Sri Lanka
2. INDRA France

3. VARUNA Russia

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

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

- 2
- 10. Consider the following statements regarding the Kunming-Montreal Global Biodiversity Framework:
  - The framework is a legally binding global agreement that aims to promote the conservation and sustainable use of biodiversity.
  - 2. The framework aims to achieve at least 30% of the planet's land and marine areas under protected status by 2030.

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 11. With reference to Bandipur tiger reserve, consider the following statements:
  - 1. Bandipur tiger reserve is present in the eastern ghats of India.
  - 2. Doddabetta Peak is the highest point in Bandipur national park.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) None of the above.
- 12. Which of the following countries share a boundary with Romania?
  - 1. Ukraine
- 2. Hungary
- 3. Serbia
- 4. Bulgaria

Select the correct answer using the code given below:

- (a) Only 1
- (b) Only 2
- (c) Only 3
- (d) All Four
- 13. Reusable Launch Vehicle-Technology is a project under which of the following?
  - (a) Indian Space Research Organisation.
  - (b) Defence Research and Development Organisation.
  - (c) Hindustan Aeronautics Limited.
  - (d) None of the Above
- 14. With reference to the North Atlantic Treaty Organization (NATO), consider the following statements:
  - 1. NATO is a political and military alliance.
  - 2. NATO Headquarters is located at Brussels, Belgium
  - 3. Finland has become the 31st member of NATO.
  - 4. Sweden is one of the founding members of NATO. Which of the statements given above is/are correct?
  - (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1, 2 and 3 only
- (d) 1, 2, 3 and 4 only
- 15. Which organization is responsible for administering the Geographical Indications of Goods (Registration & Protection) Act, 1999 in India?
  - (a) Registrar of Companies
  - (b) Controller General of Patents, Designs, and Trademarks
  - (c) Ministry of Commerce and Industry
  - (d) Geographical Indications Registry

- 16. With reference to the Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP), consider the following statements:
  - 1. CPTPP aims to impose tariffs on trading of goods and services among the member countries.
  - 2. India is a member of CPTPP.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) None of the above.
- 17. Regarding the Foreign Trade Policy (FTP) 2023, consider the following statements:
  - FTP 2023 aims at process re-engineering and automation to facilitate ease of doing business for exporters.
  - 2. The government intends to encourage the use of the foreign currency in cross-border trade.
  - The government aims to increase India's overall exports to USD 2 trillion by 2030, with equal contributions from the merchandise and services sectors.

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 only
- 18. Consider the following statements:
  - 1. Competition Commission of India is a statutory body constituted under Competition Act, 2002.
  - 2. The Competition Act, 2002, regulates competition in the Indian market and prohibits anti-competitive practices such as cartels, abuse of dominant market position, and mergers and acquisitions that may have an adverse effect on competition.

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
- 19. Which of the following statements regarding the 38th parallel line is/are correct?
  - 1. The 38th parallel is a line of latitude that forms part of the border between North Korea and South Korea.
  - 2. The 38th parallel was established as part of the Yalta Conference.

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
- 20. In March 2023, banks from 18 countries were allowed by the RBI to open Special Rupee Vostro Accounts (SRVAs) to settle payments in Indian rupees. Which among the following country's banks is allowed to open Special Rupee Vostro Accounts (SRVAs) by RBI?
  - (a) China
- (b) Malaysia
- (c) Thailand
- (d) Indonesia

- 21. With reference to salt marshes, consider the following statements:
  - 1. Marshes protect shorelines from erosion by filtering runoff and excess nutrients.
  - 2. Coastal squeeze is a phenomenon where the marshes are squeezed between rising seas and manmade barriers.

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) None of the above
- 22. With reference to Seed bank, consider the following statements:
  - 1. Seed bank is a repository of plant genetic resources.
  - 2. India's Seed bank store has over 5000 seed accessions.
  - 3. India's seed bank is in Hyderabad, built by the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT).

Which of the statements given above is/are correct?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 3 and 1 only
- (d) 1, 2 and 3 only
- 23. Consider the following statements regarding Vembanad Lake:
  - 1. It is the largest Ramsar site in India.
  - 2. It is a source of four rivers: Meenachil, Achankovil, Pampa and Manimala.

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
- 24. In the context of the Nicobar Islands, which of the following represents the correct top-to-bottom arrangement for the islands listed below?
  - (a) Car Nicobar, Terassa, Little Nicobar, Great Nicobar
  - (b) Car Nicobar, Little Nicobar, Great Nicobar, Terassa
  - (c) Little Nicobar, Great Nicobar, Terassa, Car Nicobar
  - (d) Little Nicobar ,Terassa, Car Nicobar, Great Nicobar
- 25. Consider the following statements with respect to Lokayukta:
  - In India, the Administrative Reforms Commission, (1966-70), had recommended the creation of the Lokayukta in the states.
  - 2. Rajasthan was the first state that constituted the institution of Lokayukta before passing of Lokayukta and Lokayuktas Act in 2013.

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

- 26. Consider the following statements regarding Organization of the Petroleum Exporting Countries (OPEC):
  - 1. India is one among the founding members of OPEC.
  - 2. OPEC countries produce around 40% of world's crude oil.

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
- 27. With reference to hydrogen power projects, consider the following statements:
  - 1. Disasters linked to hydropower projects in the Himalayan region have increased in recent years.
  - 2. Phata-Byung hydropower project is located on river Ganga.

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
- 28. Regarding the Cryogenic engines, consider the following statements:
  - 1. An engine that uses liquid nitrogen as a propellant.
  - 2. It has a lower payload carrying capacity than other rocket engines making it as less efficient compared to other rocket engines.
  - 3. Dhawan II is a cryogenic rocket engine developed by ISRO.

Which of the statements given above is/are correct?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 3 and 1 only
- (d) None of the above
- 29. Consider the following statements regarding 'Laser Carbon':
  - 1. Laser carbon contains nitrogen that acts as both a catalyst and a cathode in electrolysis.
  - 2. It reduces the energy required for splitting water by lowering the overpotential of the Oxygen Evolution Reaction (OER).

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
- 30. Consider the following statements regarding 'Subansiri River'
  - 1. It is the largest tributary of the Upper Brahmaputra River.
  - 2. The Subansiri Lower Hydroelectric project has been constructed as a gravity dam.

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

- 31. Which of the following statements is/are correct?
  - 1. The United Nations held its first water conference in 46 years in 2023 in New York.
  - 2. The UN 2023 Water Conference's theme is "Our watershed moment: uniting the world for water".
  - 3. Clean water and Sanitation is the 5th Sustainable Development Goal (SDG).

Select the correct answer using the code given below:

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 only
- (d) 1, 2 and 3
- 32. With reference to India Justice Report (IJR)2022, consider the following statements:
  - 1. Case Clearance Rate (CCR) of high court is more than that of Subordinate courts.
  - 2. Tamil Nadu ranks top among the 18 large and midsized states in the delivery of justice with a population of over one crore.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) None of the above
- 33. Consider the following pairs:

**Pass** 

Link/Feature

1. Fotu La Pass

Sikkim with Autonomous

Region of Tibet, China.

2. Rohtang Pass

Kullu Valley with the Lahaul and Spiti Valleys of Himachal Pradesh.

3. Shipika La Pass

Kinnaur district of Himachal Pradesh with Autonomous Region of Tibet, China.

4. Jelep La Pass

Leh with Kargil of Ladakh.

Which one of the following pairs is/are correctly matched?

- (a) 1, 2 and 3 only
- (b) 2 and 3 only
- (c) 1, 3 and 4 only
- (d) 1, 2, 3 and 4
- 34. Which of the subsequent projects launched by the Government of India have been endorsed by the World Bank?
  - 1. India Energy Efficiency Scale-up Program
  - 2. Eastern Dedicated Freight Corridor Project
  - 3. Innovate in India for Inclusiveness

Select the correct answer using the code given below:

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 only
- (d) 1, 2 and 3
- 35. Consider the following statements regarding the Vaikom Satvagraha:
  - 1. It was a significant event in the Indian Freedom Struggle against British Rule.
  - 2. It was led by Savitribai Phule.

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
- 36. Consider the following statements regarding Solar Photo Voltaic (PV) waste:
  - 1. Accumulating the PV waste in the landfills will lead to the soil pollution.
  - 2. India is among the least countries which produce PV waste.
  - 3. PV waste is classified as Hazardous waste in India. 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) None of the above
- 37. With reference to the Stand-up India scheme, consider the following statements:
  - 1. Stand-up India scheme provides loans to all the entrepreneurs who are above 18 years of age.
  - 2. Loans under the scheme are available for only Brownfield projects.

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
- 38. Regarding the BioLinux model, consider the following
  - 1. It is an open-source model that was proposed in 2002 by scientists for seeds and plant varieties.
  - 2. It is software whose source code is made available to the public for anyone to view, modify, and distribute under an open-source license.

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
- 39. Regarding the Thira Dance, consider the following statements:
  - 1. It is a ritual dance performed in the groves and temples of the Malabar region in Kerala.
  - 2. This art form is performed by the artists of the Malaya community, known as "perumalayans."
  - 3. The objective of Thira is to bring the gods to life. Which of the statements given above is/are correct?
  - (a) 1 and 2 only
- (b) 2 only
- (c) 3 only
- (d) 1, 2 and 3 only
- 40. Consider the following statements regarding the United Nations Framework Convention on Climate Change (UNFCCC):
  - 1. It was signed in 1992 at the Earth Summit.
  - 2. It is the parent treaty of the Kyoto Protocol.

Select the correct answer from the code given below:

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

- 41. With reference to the UN Economic Social Council (ECOSOC), consider the following statements:
  - 1. Its members are elected by the UN General Assembly for overlapping three-year terms.
  - 2. The Food and Agriculture Organisation (FAO) works under the ECOSOC.

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 42. Consider the following statements:
  - 1. Conference on Disaster Resilient Infrastructure (CDRI) is India's second major global initiative after the International Solar Alliance (ISA).
  - The Infrastructure Resilience Accelerator Fund is the United Nations Development Programme (UNDP)'s initiative to help in improving the ability of infrastructure systems.

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
- 43. With reference to the Jagjivan Ram, consider the following statements:
  - 1. He was instrumental in the foundation of the All-India Depressed Classes League.
  - 2. His memorial at his cremation place is named Samta Sthal (Place of Equality).

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
- 44. Which of the following statements is/are correct?
  - 1. Gulf of Mannar Biosphere Reserve (GoMBR) is India's first marine biosphere reserve.
  - 2. The aims of the Bonn Convention (1979) are to conserve terrestrial, marine and avian migratory species throughout their range.
  - 3. The Chilean mesquite, a drought-resistant plant is native to North American countries.

Select the correct answer using the code given below:

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 only
- (d) 1, 2 and 3
- 45. Consider the following statements related to Small Island Developing Nations
  - They were recognized as a distinct group of developing countries at the UN Conference on Environment and Development.
  - 2. They are located only in the Pacific Ocean.

Select the correct answer from the code given below:

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

46. Consider the following pairs of Traditional New Year Festivals:

STATE

TRADITIONAL NEW YEAR

1. Tamil Nadu

Puthandu

West Bengal

3. Assam

Nabha Barsha Bohag Bihu

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

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2, and 3
- 47. Which language is not recognized in the 8th Schedule of the Constitution of India?
  - (a) Konkani
- (b) Kurmali
- (c) Santhali
- (d) Bodo
- 48. What is the Nifty Reits & InvITs Index launched by National Stock Exchange Indices Ltd?
  - 1. The index tracks the performance of Reits and InvITs that are publicly listed and traded on the NSE.
  - 2. The index will be reviewed and rebalanced on an annual basis.

Select the correct answer using the following code:

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 49. Consider the following statements related to 'Infrastructure Investment Trust'
  - 1. They are regulated by the Reserve Bank of India.
  - 2. They are listed on exchanges just like stocks through initial public offerings.

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
- 50. Which of the following statements is/are correct regarding the 'Mera Gaon Meri Dharohar' programme launched by the National Mission for Cultural Mapping (NMCM) to map rural India's cultural assets?
  - 1. The programme involves the identification and mapping of cultural assets and art repositories of the nation.
  - 2. The programme aims to categorize villages based on historical significance only.
  - The survey process for mapping cultural assets of villages was carried out jointly by the Ministry of Culture and the Common Services Centres (CSC) of Ministry of Rural Development.

Select the correct answer using the codes given below:

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

- 51. Consider the following statements:1. Jyotirao Phule advocated for the Industrialization and modernization of India.
  - 2. Jyotirao Phule established Servants of People Society aimed to attain equal social and economic benefits for lower castes in Maharashtra.

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 52. Consider the following statements related to conditions for declaring a party 'National':
  - 1. It is recognised in 4 or more states.
  - 2. If it has won at least 10% of the total seats in the Lok Sabha from at least 3 states.

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
- 53. With reference to National Curriculum Framework for School Education (NCFSE), consider the following statements:
  - 1. A document that specifies the history of education in Indian schools.
  - 2. Its objectives include shifting from rote learning and connecting education to real-life situations.
  - 3. The Formulation of NCFSE is undertaken by NCERT. Which of the statements given above is/are correct?
  - (a) 1 and 2 only
  - (b) 2 and 3 only
  - (c) 3 and 1 only
  - (d) 1, 2 and 3 only
- 54. Consider the following statements related to Uranus:
  - 1. It rotates in the counter clockwise direction.
  - 2. NASA's Voyager 2 made the first visit to Uranus.

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
- 55. Consider the following statements regarding the 'National Green Tribunal'.
  - 1. The Chairperson is appointed by the Central Government in consultation with the Chief Justice of India.
  - 2. It has suo motu powers to take up environmental issues.

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

56. Consider the following pairs:

Tourist DestinationLocation

1. Tawang Monestry Arunanchal Pradesh

Kamakhya Temple Odisha
 Nohkalikai Falls Tripura

4. Dzukou Valley Nagaland

How many pairs given above are correctly matched?

(a) Only one pair

- (b) Only two pairs
- (c) Only three pairs (d)
- (d) All four pairs
- 57. Consider the following statements regarding 'Indian Space Policy 2023':
  - 1. As per the policy, NewSpace India Limited (NSIL) will be the interface between ISRO and non-governmental entities.
  - 2. The policy allows private sector to take part in space activities like building satellites, rockets, and launch vehicles, data collection and dissemination.

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
- 58. With reference to Genome sequencing, which of the following cannot be a potential benefit?
  - (a) It can help developing the personalized medicines based on patients' genomes to anticipate and modulate diseases.
  - (b) It can make agriculture more sustainable and reduce the dependence on chemicals.
  - (c) It can help in early detection of diseases even before they develop.
  - (d) It nullifies the potential for scientific racism and the reinforcement of stereotypes based on heredity and racial purity.
- 59. Consider the following statements related to State of Forest in India:
  - 1. Protected forests hold a higher degree of protection than reserve forests.
  - 2. Through the 44th Amendment Act, 1978, forests were transferred from State to Concurrent List.

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 60. Which of the following military forces participated in the 'Ex KAVACH', a joint military exercise recently concluded by the Andaman and Nicobar Command (ANC)?
  - (a) Army and Navy only
  - (b) Army, Navy, and Air Force only
  - (c) Army, Navy, Air Force, and Coast Guard
  - (d) Army, Navy, Air Force, Coast Guard, and Border Security Force

- 61. With reference to Tropospheric Emissions Monitoring of Pollution (TEMPO), consider the following statements:
  - 1. TEMPO is a device that tracks air pollution and their emitter sources all over the world.
  - 2. TEMPO is a radar system sensitive to visible and ultraviolet wavelengths of light

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 62. Consider the following statements regarding Idu Mishmis:
  - 1. It is a sub-tribe of the Mishmi group in Arunachal Pradesh.
  - 2. They are known for their warrior skills.
  - 3. Their language is considered endangered by UNESCO.
  - 4. They regard lion as their elder brother.

Which of the statements given above is/are correct?

- (a) 1 and 3 only
- (b) 1, 2 and 3 only
- (c) 2, 3 and 4 only
- (d) 1, 2, 3 and 4
- 63. Which of the following statements is correct regarding multinucleon transfer (MNT) technique?
  - (a) It is a nuclear fusion reaction that occurs when heavy ions collide.
  - (b) It is a technique to separate hydrogen from water.
  - (c) It involves the transfer of more than one nucleon between two colliding nuclei.
  - (d) It is a technique used to detect radioactive emissions.
- 64. Consider the following pairs related to Cyber Threats:

Match-1

Match-2

- 1. Hijacking
- Ransomware

Computer's Data

- 2. Malicious program
- Trojan Horses

hidden Inside

Legitimate Program

- 3. Overloading
- Denial of Service Attack

Particular Service

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

- (a) 1 only
- (b) 1 and 2 only
- (c) 2 and 3 only
- (d) 1, 2 and 3
- 65. Consider the following statement related to Gravitational Waves:
  - 1. They were first postulated in Albert Einstein's General Theory of Relativity.
  - 2. These waves are not produced by the movement of neutron stars.

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

- 66. With reference to State Energy Efficiency Index (SEEI), consider the following statements:
  - It assesses the annual progress of states and UTs in energy efficiency (energy savings and reduction in emission intensity).
  - 2. State Energy Efficiency Index is developed by the Bureau of Energy Efficiency.
  - 3. According to SEEI 2021-22, Karnataka is among the top-performing states in India.

Which of the statements given above is/are correct?

- (a) 1 and 2 only
- (b) 2 only
- (c) 3 only
- (d) 1, 2 and 3 only
- 67. With reference to United Nations Democracy Fund (UNDEF), consider the following statements:
  - 1. UNDEF was established in 2005 as a United Nations General Trust Fund to support democratization efforts around the world.
  - 2. India is the third largest contributor to UNDEF.

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
- 68. Consider the following statements:
  - The International Prize in Statistics is awarded every year that recognizes outstanding achievements in the field of statistics.
  - Calayampudi Radhakrishna Rao, a prominent Indian-American mathematician and statistician, has been awarded the 2023 International Prize in Statistics.

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
- 69. Consider the following statements related to Wheat Crop:
  - 1. It requires a cool growing season and bright sunshine at the time of ripening.
  - 2. India is the world's second-biggest wheat producer after China.

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
- 70. Consider the following statements:
  - Preventive detention is when a person is held in police custody only on the basis of a suspicion that they would conduct a criminal act or cause harm to society.
  - 2. Article 20 grants protection to persons who are arrested or detained.

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

- 71. Regarding the Sukhashraya Act, 2023 passed by Himachal Pradesh, consider the following statements:
  - The Act defines orphans as those without biological parents or whose parents are incapacitated and includes children in need of care and protection such as those without homes or those at risk of forced marriage, crime, or drug abuse.
  - The state government will provide recurring deposit accounts for each child and orphan and make contributions to these accounts as per prevalent rates.
  - 3. All beneficiaries under the Act will receive free healthcare for life.

- (a) 1 and 2 only
- (b) 2 only
- (c) 1, 2 and 3 only
- (d) 3 only
- 72. Consider the following statements regarding Trademark:
  - 1. Trademark is a logo used by a company. It is governed by the Patents Act, 1970
  - 2. Every ten years, trademark must be renewed as they expire.

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
- 73. With reference to Cellular Agriculture, consider the following statements:
  - 1. It is the process of growing Plant from cell structure.
  - 2. Gene Editing and Cloning are two different approaches involved in Cellular Agriculture.
  - 3. Cellular agriculture reduces resource consumption and Greenhouse gas emissions.

Which of the statements given above is/are correct?

- (a) 1 and 2 only
- (b) 2 only
- (c) 3 only
- (d) 1, 2 and 3 only
- 74. Consider the following statements related to Non-Banking Financial Companies:
  - 1. They are registered under the RBI Act, 1934.
  - Deposit insurance facility of Deposit Insurance and Credit Guarantee Corporation is not available to depositors of NBFCs.

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
- 75. Which of the following statements about radioactivity is/are correct?
  - 1. Radioactivity is the process of releasing particles or waves from the stable nuclei of some elements.
  - 2. The three types of radioactive emissions are alpha particles, beta particles, and gamma rays.

Select the correct answer using the following code:

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 76. Consider the following statements:
  - Mission Def-Space is a mission launched by DRDO to build resilience and redundancy in a space-based infrastructure.
  - 2. IndSpaceX,2019 was the first-ever simulated space warfare exercise conducted by 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
- 77. Which of the following statements is/are correct?
  - 1. LHC (Large Hadron Collider) is a huge experiment that collides two beams of particles to study physics at very high energies.
  - 2. LHC is operated by NASA (National Aeronautics and Space Administration).
  - 3. Hardon is a particle that gives other particles mass. Select the correct answer using the code given below:
  - (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 only
- (d) 1, 2 and 3
- 78. Consider the following statements:
  - 1. Kurmis are a landowning farming community.
  - 2. The Kurmali language is a member of the Indo-Aryan language family and belongs to the Bihari language family.

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
- 79. Consider the following statements related to Parliamentary Committees:
  - 1. Departmental Standing Committees can be classified as ad-hoc committees.
  - 2. Joint Parliamentary Committees are constituted as standing committees.

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
- 80. Consider the following statements related to Ocean floor:
  - 1. Continental Shelf is the shallowest and widest part of the ocean floor.
  - 2. Continental Slope is home to deep sea creatures such as octopuses and squids.

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

- 81. With reference to the use of Quantum technology in maritime communication, consider the following statements:
  - 1. It can enable faster communication between ships and shore stations.
  - 2. Quantum computers can be used to run complex simulations of weather patterns.
  - 3. It is useful for communication in remote areas where traditional communication methods are limited.

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3
- 82. With reference to the International Civil Aviation Organisation (ICAO), consider the following statements:
  - 1. The Convention on International Civil Aviation was signed during the Chicago convention, 1944.
  - 2. India is a member of ICAO.

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
- 83. With reference to the Dark Matter, consider the following statements:
  - 1. It is a proven form of matter that exists in the universe but is invisible.
  - 2. It does not interact with light and is essential to explain the structure of the universe.

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
- 84. Which of the following countries are a part of OPEC+?
  - 1. Saudi Arabia
- 2. Iran
- 3. China
- 4. USA
- 5. Venezuela
- 6. South Sudan
- 7. Azerbaijan

Select the correct answer using the code given below:

- (a) 1, 2, 3, 4 and 7 only
- (b) 1, 2, 5, 6 and 7 only
- (c) 3, 4, 5, 6 and 7 only
- (d) 1, 2, 5 and 6 only
- 85. Consider the following statements:
  - 1. Solar Energy Corporation of India Limited has been recognized as a miniratna Category -I company.
  - A central Public Sector Enterprise can be recognised as miniratna category-I company when it has made profit continuously for 3 years and has not defaulted in the repayment of loans to the government.

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

Answers										
1.	(d)	2. (d)	3. (c)	4. (b)	5. (a)	6. (d)	7. (c)	8. (d)	9. (c)	10. (b)
11.	(d)	12. (d)	13. (a)	14. (c)	15. (b)	16. (d)	17. (b)	18. (c)	19. (a)	20. (b)
21.	(b)	22. (a)	23. (b)	24. (a)	25. (b)	26. (b)	27. (a)	28. (d)	29. (b)	30. (a)
31.	(a)	32. (a)	33. (b)	34. (d)	35. (d)	36. (c)	37. (d)	38. (a)	39. (d)	40. (c)
41.	(c)	42. (a)	43. (c)	44. (a)	45. (a)	46. (d)	47. (b)	48. (a)	49. (b)	50. (a)
51.	(d)	52. (a)	53. (b)	54. (b)	55. (c)	56. (b)	57. (a)	58. (d)	59. (d)	60. (c)
61.	(d)	62. (a)	63. (c)	64. (d)	65. (a)	66. (d)	67. (a)	68. (a)	69. (c)	70. (a)
71.	(a)	72. (d)	73. (c)	74. (b)	75. (b)	76. (b)	77. (c)	78. (c)	79. (d)	80. (c)
81.	(d)	82. (c)	83. (b)	84. (b)	85. (a)					,