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- 1. Consider the following statements:
 - 1. The Bureau of Energy Efficiency (BEE) is the statutory body responsible for implementing policies and programs in energy efficiency and conservation.
 - 2. ECO Niwas Samhita 2018 is an Energy Conservation Building Code for Residential Buildings (ECBC-R) that was launched by the Bureau of Energy Efficiency (BEE).

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
- 2. Regarding the Compressed Natural Gas (CNG), consider the following statements:
 - 1. It is a natural gas that has been compressed under high pressure, allowing it to occupy a smaller volume in fuel tanks.
 - 2. Unlike LPG, which is a mixture of compressed propane and butane, CNG primarily consists of 80 to 90% methane in a gaseous state.

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
- 3. Regarding Ketamine, consider the following statements:
 - 1. It is a medication primarily used for inducing anesthesia and sedation in medical settings.
 - 2. Ketamine misuse can result in hallucinations, confusion, dissociation, and, in high doses, serious health risks or death.

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
- Consider the following statements regarding the "T+0
 Trading Settlement Cycle":
 - 1. In this system, sellers receive 80% of their cash on the day of sale, with the remaining 20% available the following day.
 - 2. This is the world's fastest stock settlement system.

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
- 5. Regarding the Bhojeshwar Mahadev Temple, consider the following statements:
 - 1. It boasts a massive Linga carved from a single stone.
 - 2. It was commissioned by Narasimhavarman I in the 7th century.
 - 3. The temple's architecture follows the Bhumija style characterised by its towering shikhara and ornate carvings and sculptures

How many of the above statements are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

- 6. Consider the following statements regarding the Vaikom Satyagraha:
 - 1. Vaikom Satyagraha was a nonviolent agitation, that unfolded in the princely state of Travancore, Kerala during 1924-25.
 - 2. It was the first among the temple entry movements in India, setting the stage for similar movements across the country.

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
- 7. With reference to the Afar Triangle, consider the following statements:
 - 1. It is a geological depression in Western Africa.
 - 2. It lies at the convergence of the Nubian, Somali, and Indian plates.
 - 3. It is part of the East African Rift system.

How many of the above statements are correct?

- (a) One only
- (b) Two only
- (c) All three
- (d) None of the above
- 8. Consider the following statements:
 - In 2014, the Supreme Court recognized transgender people as a "third gender" in the National Legal Services Authority V/s Union of India judgement.
 - In 2018, the Supreme Court struck down Section 377, decriminalizing same-sex relationships in the historical Navtej Singh Johar v. Union of India case.

Which of the statements given above is/are correct?

- (a) 1 Only
- (b) 2 Only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 9. Consider the following statements about the Constitutional provisions related to retired judges in India:
 - 1. Article 124(7) prohibits a retired judge of the Supreme Court from practising before any court or authority in India.
 - 2. Article 128 states that the Chief Justice of India, with the President's consent, may request a retired Judge of the Supreme Court to act as a Supreme Court Judge.

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
- 10. With reference to Rifting, consider the following statements:
 - 1. Rifting refers to the geological process where the Earth's Lithosphere is stretched and thinned, leading to the formation of rift valleys or basins.
 - 2. This process takes place in convergent plate boundary as the plates move apart, tensional forces cause the lithosphere to crack and break, creating rift 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

- 11. With reference to katchatheevu Island, consider the following statement:
 - 1. Katchatheevu is an uninhabited island in the Palk Strait between India and Sri Lanka.
 - 2. The Island was formed as a result of volcanic eruption in the 14th century.

Which of the following statements is/are correct?

- (a) 1 Only
- (b) 2 Only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 12. Consider the following statement regarding South China Sea:
 - 1. The South China Sea is bordered by China and Taiwan to the north, the Indo-Chinese peninsula to the west, Indonesia and Brunei to the south, and the Philippines to the east.
 - 2. Over 70% of India's trade passes through the South China Sea and Malacca Strait.

Which of the following statement is/are correct?

- (a) 1 Only
- (b) 2 Only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 13. Regarding Tuberculosis (TB), consider the following statements:
 - 1. The Global Plan to End TB is a plan for ending TB as a public health challenge by 2050.
 - 2. Delamanid is a newer drug used in the treatment of multidrug-resistant TB (MDR-TB) and is often used in combination with other drugs.

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
- 14. Consider the following statements regarding provisions related to internet shutdowns in India:
 - 1. The Indian Telegraph Act, 1885 allows the suspension of internet services in case of public emergency.
 - 2. Section 144 of Code of Criminal Procedure (CrPC) empowers only district magistrates to suspend internet services.

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
- 15. With reference to the Kunming-Montreal Global Biodiversity Framework (KMGBF), consider the following statements:
 - KMGBF is the result of the 15th Conference of Parties (COP15) to the United Nations Framework Convention on Climate Change (UNFCCC).
 - 2. It aims to increase protected areas to at least 50% of the world's terrestrial area by 2030.

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

- 16. Consider the following statements:
 - 1. Islamic State of Iraq and Syria (ISIS), is a Salafi-Jihadist militant organization operating primarily in western Iraq and eastern Syria.
 - 2. ISIS, is not recognized as an unlawful organization in India as per the Unlawful Activities (Prevention) Act, 1967.

Which of the statements given above are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 17. Consider the following statements regarding Electronic Waste Management Rules 2022:
 - The E-Waste Management Rules, 2022, notified under the "Water (Prevention and Control of Pollution) Act, 1974 to handle E-Waste in rivers.
 - 2. It also covers the waste batteries regulated by the Battery Waste Management Rules, 2022.

How many of the statements given above are correct?

- (a) Only One
- (b) Only Two
- (c) All Three
- (d) None
- 18. Sometimes seen in the news, 'Kallakkadal' is:
 - (a) Tribal communities
 - (b) Group of corals islands
 - (c) Coastal flooding phenomenon
 - (d) Trio of mountains
- 19. Consider the following statements about Right to Education (RTE) Act, 2009:
 - 1. The RTE Act aims to provide primary education to all children aged 3 to 14 years.
 - 2. It provides for prohibition of deployment of teachers for non-educational work, other than decennial census, elections to local authority, state legislatures and parliament, and disaster relief.
 - 3. Section 12(1)(c) mandates that non-minority private unaided schools should reserve at least 25% of seats in entry-level grades for children from economically weaker and disadvantaged backgrounds.

How many of the above statements are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None
- 20. Consider the following statements about Bima Sugam:
 - 1. Bima Sugam is an electronic marketplace protocol which would universalise and democratize insurance and will be connect with India Stack.
 - 2. It is approved by Insurance Regulatory and Development Authority of India (IRDAI).

Which of the above statements is/are correct?

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

- 21. With reference to Wheat Blast Disease, Consider the following statement:
 - 1. Wheat blast disease emerged in Bangladesh in 2016 led to a two-year ban on wheat cultivation in border areas of West Bengal.
 - 2. Wheat blast disease is a fungal infection caused by the fungus magnaporthe oryzae Triticum (MoT) that primarily affects wheat crops.

Which of the statements given above are correct?

- (a) Only 1
- (b) Only 2
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 22. Consider the following statements:
 - Global South refers to a group of countries generally characterised as developed countries.
 - 2. It does not encompass countries with lower GDPs, higher poverty rates, and less developed infrastructure than the "Global North."

Which of the following statements is/are correct?

- (a) Only 1
- (b) Only 2
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 23. Consider the following statements:
 - 1. The Indian laurel or Silver Oak tree is native to Southeast Asia and regions of India and thrives in tropical and subtropical climates.
 - 2. Konda Reddi tribe is a Particularly Vulnerable Tribal Group inhabiting the Papikonda hill range in the Godavari region.

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
- 24. Consider the following statements regarding 'Group of Friends (GoF)':
 - 1. India launched a 'Group of Friends' in 2012 to promote accountability for crimes against peacekeepers which comprises 20 member states.
 - 2. The GoF will convene two meetings of its members per year, organise and host one event per year to inform and galvanise support for promoting accountability for crimes.

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
- 25. Consider the following statements:

Statement-I: Callisto ranks as one of Jupiter's largest moons and is the third-largest moon in the Solar System, following Ganymede (Jupiter) and Titan (Saturn).

Statement-II: As per NASA, after Saturn, Mars boasts of the highest number of moons in the Solar System.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct, and Statement-II is the correct explanation for Statement-I.
- (b) Both Statement-I and Statement-II are correct, and Statement-II is not the correct explanation for Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect.
- (d) Statement-I is incorrect, but Statement-II is correct.

- 26. Consider the following statements regarding the BIMSTEC group:
 - 1. It was founded in 1997 through the Bangkok declaration.
 - 2. It currently comprises of seven Member States namely Bangladesh, Bhutan, India, Myanmar, Nepal, Sri Lanka, and Thailand.

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. Consider the following statements:

Statement-I:The UN General Assembly adopted the Universal Declaration of Human Rights (UDHR) in Paris on December 10, 1948, as a common standard of achievement for all nations and peoples.

Statement-II: Human Rights includes the right to life and liberty, freedom from slavery and torture, freedom of opinion and expression, the right to work and education etc

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct, and Statement-II is the correct explanation for Statement-I.
- (b) Both Statement-I and Statement-II are correct, and Statement-II is not the correct explanation for Statement-I.
- (c) Statement-I is correct, but Statement-II is incorrect.
- (d) Statement I is incorrect, but Statement-II is correct.
- 28. With reference to Environment Impact Assessment, consider the following statements:
 - Extraction of ordinary earth for linear projects like road and railway construction does not need Environmental Clearance (EC).
 - 2. The Environment Impact Assessment in India is statutorily backed by the Environment Protection Act, 1986.

Which of the statements given above are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 29. Consider the following statements regarding Armed Forces (Special Powers) Act, 1958 (AFSPA):
 - The powers to declare an area as "disturbed" rest concurrently upon the Central government along with the States.
 - 2. Whole or part of the State or Union Territory can be declared as a disturbed area.
 - 3. Once declared 'disturbed', the region is maintained as disturbed for a period of six months straight.

Which of the above statements are correct?

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

- 30. With reference to Tungabhadra Dam, consider the following statements:
 - 1. Tungabhadra dam also known as Pampa Sagar is a multipurpose dam built in Ballari district of Karnataka.
 - 2. It is the life-line of 6 chronically drought prone districts of Bellary, Koppal and Raichur in Karnataka and Anantapur, Cuddapah and Kurnool in neighbouring Andhra Pradesh.

Which of the statements given above are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 31. Consider the following statements:
 - The Geographical Indication (GI) tag ensures legal protection against unauthorised imitation or misuse of the product, safeguarding its authenticity and preserving the cultural heritage associated with it.
 - 2. Pachra, a handwoven cloth used by Indigenous communities in Tripura, have been recognised with the prestigious GI tag.

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
- 32. Consider the following statements regarding 'Chalukyas':
 - 1. The Chalukyas ruled parts of Southern and Central India between the 1st century and the 4th century AD.
 - 2. The kingdom of Chalukyas was centred around the Raichur Doab, between the Krishna and Tungabhadra rivers.

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
- 33. Consider the following statements:
 - 1. Recently, DRDO successfully test fired a space launch vehicle known as Kalam-250.
 - Kalam-250 utilises high-performance Ethylene-Propylene-Diene terpolymers (EPDM) Thermal Protection System (TPS).

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
- 34. Consider the following statements about the Index of Eight Core Industries:
 - It is released by the Office of the Economic Adviser (OEA), Department for Promotion of Industry and Internal Trade (DPIIT) under the Ministry of Commerce & Industry.
 - 2. According to this index, Electricity and cement have the highest and lowest current weightage respectively.

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

- 35. Saffir-simpson scale is used to measure which of the following?
 - (a) Sea level rise
 - (b) Melting of glaciers
 - (c) Destruction caused by hypersonic missile
 - (d) Speed of wind
- 36. Consider the following statements about Havana syndrome:
 - 1. Havana Syndrome is a mysterious illness causing a range of neurological problems.
 - 2. Affected persons experience extreme headaches, bloody noses, and vision problems.

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
- 37. With reference to the hockey stick effect, consider the following statements:
 - 1. It is a period of rapid growth, often followed by no or little growth.
 - 2. It indicates the need for urgent action due to a drastic shift in data points.
 - 3. It is also used to show dramatic shifts in sales, poverty statistics, global temperatures, etc.

How many of the above statements are correct?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3
- 38. Regarding Small-Scale Liquefied Natural Gas (SSLNG), consider the following statements:
 - India's first SSLNG unit has been inaugurated in Madhya Pradesh.
 - 2. India aims to increase the share of natural gas in its primary energy mix to 15% by 2030.

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. With reference to the ECO-Niwas Samhita (ENS), consider the following statements:
 - It is an Energy Conservation Building Code for Residential Buildings (ECBC-R) launched by the Ministry of Power in 2018.
 - 2. It introduced the Residential Envelope Transmittance Value (RETV), a metric measuring heat transfer through a building's envelope (walls, roof, and windows).

Which of the above statements is/are not correct?

- (a) Only 1
- (b) Only 2
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 40. Consider the following statements about constitutional provisions regarding education in India:
 - 1. The right of minorities to establish and administer educational institutions is explicitly mentioned under Article 24.
 - 2. Parents and guardians must provide educational opportunities for their children between the ages of 6 and 14 is a fundamental duty under Article 51A.

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
- 41. Consider the following statements regarding 'Industrial Alcohol'':
 - 1. Industrial alcohol contains high amounts of additives like methanol, which make it toxic.
 - 2. Industries (Development and Regulation) Act, 1951 (IDRA) provides the central government with the power to regulate industrial alcohol.

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
- 42. Consider the following statements regarding the lions:
 - 1. Lions are the most social big cats, living in groups called pride.
 - Lionesses are the primary hunters, while dominant males are responsible for protecting the pride's territory.
 - 3. They are targeted by trophy hunters for their body parts.

How many of the statements given above is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None
- 43. Consider the following statements regarding Ahobilam Temple Complex:
 - It is located within the Nagarjunasagar-Srisailam Tiger Reserve.
 - 2. It consists of 9 shrines to Lord Narisimha situated within the Nallamala forest.

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. Consider the following statements regarding Project Akashteer
 - 1. This project is associated with Indian Air Force.
 - 2. The Akashteer Project stands as a pioneering effort to automate air defence control.

Which of the statements given above are correct?

- (a) 1 Only
- (b) 2 Only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 45. Consider the following statements:
 - 1. Agni Prime is a nuclear-capable new-generation advanced variant of the Agni class of missiles.
 - 2. It is a four-stage canister missile with a maximum range of 3,000 to 4,000 Kms.

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

- 46. Consider the following statements regarding Asian Elephants:
 - 1. According to the International Union for Conservation of Nature (IUCN) Red List, it is classified as endangered.
 - 2. India has the highest population of wild Asian Elephants, with Karnataka having the largest number of elephants in the country.

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
- 47. Consider the following statements about Atomic Clocks:
 - 1. An atomic clock is a clock, that functions by utilizing specific resonance frequencies of atoms, typically cesium or rubidium.
 - 2. Currently, India doesn't have an operational atomic clock.

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
- 48. With reference to the Asola-Bhatti Wildlife Sanctuary, consider the following statements:
 - It is located at the end of a wildlife corridor that starts from Sariska National Park in Alwar and passes through various districts of Haryana.
 - The native plants at the sanctuary exhibit xerophytic adaptations such as thorny appendages, and waxcoated, succulent, and tomentose leaves.

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
- 49. Consider the following statements regarding 'Doping':
 - Doping is the act of consuming artificial and often illegal substances to gain an advantage over others in sporting competitions.
 - National Anti-Doping Agency (NADA) was set up as a registered society under the Societies Registration Act of 1860 in 2005, with a mandate of creating dope-free sports in India.

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
- 50. Consider the following statements:

Statement-I: The chital, also known as the spotted deer or axis deer, is a graceful and elegant herbivore native to the grasslands and forests of India and Sri Lanka.

Statement-II: Under the Wildlife Protection Act, 1972, an Chief Wildlife Warden can permit translocation for the purpose of scientific management.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct, and Statement-II is the correct explanation for Statement-I.
- (b) Both Statement-I and Statement-II are correct, and Statement-II is not the correct explanation for Statement-I.
- (c) Statement-I is correct, but Statement-II is incorrect.
- (d) Statement-I is incorrect, but Statement-II is correct.
- 51. Consider the following statements regarding the District Election Management Plan:
 - 1. The DEMP is a comprehensive document that uses statistics and analysis to ensure the smooth conducting of elections in districts.
 - 2. The DEMP must be formulated at least eight months before the tentative date of polling.

Which of the statements given above are correct?

- (a) 1 Only
- (b) 2 Only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 52. With reference to Hepatitis, Consider the Following statements
 - 1. Hepatitis is caused by infectious Bacteria.
 - 2. Type B and C are the most common cause of liver cirrhosis.
 - 3. Global Hepatitis Report, 2024 is released by the World Health Organisation.

Which of the statements given above are correct?

- (a) 1 and 2
- (b) 1 and 3
- (c) 2 and 3
- (d) 1, 2 and 3
- 53. Which of the following are the features of Pacific Ring of Fire?

Statement-I: Seventy-five percent of Earth's volcanoes, more than 450 volcanoes are located along the Ring of Fire. **Statement-II:** The abundance of volcanoes and earthquakes along the Ring of Fire is caused by the amount of movement of tectonic plates in the area.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement I
- (b) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- (c) Statement-I is correct but Statement-II is incorrect
- (d) Statement-I is incorrect but Statement-II is correct
- 54. Consider the following statements about Voter Verifiable Paper Audit Trail (VVPAT):
 - 1. VVPAT is an independent system attached with the Electronic Voting Machines that allows the voters to verify that their votes are cast as intended.
 - 2. In 2013, the Conduct of Elections Rules, 1961 were amended to allow for a printer with a drop box to be attached to the EVM.

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 AUKUS alliance:
 - 1. The AUKUS alliance comprising Australia, the United Kingdom, and the United States
 - 2. The alliance was formed in 2021 to counter China's influence in the Indo-Pacific region.
 - 3. India is a member of the group.

Which of the statements given above are correct?

- (a) 1 and 2
- (b) 2 and 3
- (c) 1, 2 and 3
- (d) 1 and 3
- 56. Consider the following statements regarding Cicadas:
 - 1. Cicadas are mammals that belong to the order Hemiptera and the superfamily Cicadoidea.
 - 2. They spend most of their lives underground and emerge from the soil mainly to mate.
 - 3. The genetic diversity of cicadas in India and Bangladesh ranks the highest globally, followed by China.

Which of the following statements is/are correct?

- (a) 1 only
- (b) 1, 2 and 3
- (c) 2 and 3
- (d) 1 and 2
- 57. Consider the following statements:
 - The Ardagh-Johnson line shows Aksai Chin in erstwhile Jammu and Kashmir (now Ladakh) i.e. under China's control.
 - 2. The Macartney-MacDonald Line places Aksai Chin under India's control.
 - 3. A military expedition under Francis Younghusband was sent to Lhasa in 1903 to secure British India's diplomatic and economic rights.

How many of the statements given above are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None
- 58. Consider the following statements with respect to Comets:
 - 1. Comets are frozen leftovers from the formation of the solar system.
 - 2. As they orbit closer to the Sun, they heat up and spew gases and dust into a glowing head.
 - 3. They have highly elliptical orbits similar to the planets. Select the correct answer using the code given below:
 - (a) 1 only
- (b) 2 and 3 only
- (c) 1, 2 and 3
- (d) 1 and 2 only
- 59. Which of the following statements is/are correct regarding the Monetary Policy Committee (MPC)?
 - 1. It decides the RBI's benchmark interest rates.
 - 2. It is a 12-member body including the Governor of RBI and is reconstituted every year.
 - 3. It functions under the chairmanship of the Union Finance Minister.

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

- 60. Consider the following statements regarding Overseas Citizenship of India (OCI) Scheme:
 - 1. The Overseas Citizenship of India (OCI) Scheme was introduced by amending the Citizenship Act, 1955 in August 2005.
 - 2. A registered Overseas Citizen of India is granted multiple entry, multi purpose and life-long visa for visiting India.

Which of the above statements is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 61. Consider the following statements regarding Centre-State relations:
 - 1. Article 293 states that the executive power of a State extends to borrowing within India's territory, secured by the Consolidated Fund of the State.
 - 2. States can raise loans without the consent of the Government of India if any part of a previous loan from the Government of India remains outstanding.
 - 3. The Government of India may make loans to States or provide guarantees, subject to conditions set by the President.

Which of the following statements is/ are correct?

- (a) 1 only
- (b) 1 and 2 only
- (c) 1, 2 and 3
- (d) 2 and 3 only
- 62. Consider the following statements:
 - 1. Ugadi marks the commencement of the Hindu New Year and is observed in Andhra Pradesh, Telangana and Karnataka.
 - 2. Sajibu Cheiraoba, also known as Meitei Cheiraoba, is a traditional festival celebrated in the northeastern Indian state of Manipur.

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
- 63. Consider the following statements regarding 'QS World University Rankings 2024':
 - 1. IIM-Ahmedabad, IIM-Bangalore, and IIM-Calcutta ranked among the top 50 institutions globally for business and management studies.
 - 2. India ranks 4th in research volume globally, trailing behind China, the US, and the UK, but ranks 9th for research impact.

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
- 64. Consider the following statements regarding Higgs boson:
 - 1. The Higgs boson, an elementary particle akin to electrons or quarks, plays a crucial role in imparting mass to other fundamental particles.
 - 2. The Higgs boson was experimentally discovered in 2012 at the Large Hadron Collider (LHC) at CERN (Conseil Européen pour la Recherche Nucléaire)

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

- 65. Consider the following statements about the Moon:
 - 1. The Moon (the only natural Satellite of Earth) has its own day and night cycle, which lasts about 29.5 Earth days.
 - 2. The moon has more gravitational force than Earth.

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. Consider the following statements regarding the World Anti-Doping Agency (WADA):
 - 1. It was established in 1999 by the International Olympic Committee (IOC) to combat doping in sports globally.
 - 2. It is headquartered in Paris.
 - 3. The World Anti-Doping Code (Code) is the core document produced by WADA.

Which of the following statements is/are correct?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3
- 67. With reference to the Chital, consider the following statements:
 - The Chital, also known as the spotted deer or axis deer, is a herbivore native to the grasslands and forests of India and Sri Lanka.
 - 2. It is listed as Vulnerable in the IUCN red list.

Which of the following statements is/are correct?

- (a) 1 Only
- (b) 2 Only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 68. Consider the following statements regarding 'Public Interest Litigation (PIL)':
 - 1. It originated and developed in the USA in the 1960s.
 - 2. It is not defined in any statute or in any act and has been interpreted by judges to consider the intent of the public at large.

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:

Statement-I: Vaccines are biological preparations designed to stimulate the body's immune system to recognize and fight against specific pathogens, such as viruses or bacteria, without causing the disease itself.

Statement-II: Vaccines typically contain weakened or inactivated forms of the pathogen, parts of the pathogen, or toxins produced by the pathogen.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct, and Statement-II is the correct explanation for Statement-I.
- (b) Both Statement-I and Statement-II are correct, and Statement-II is not the correct explanation for Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect.
- (d) Statement-I is incorrect, but Statement-II is correct.

- 70. Consider the following statements regarding solar eclipse:
 - A total solar eclipse occurs when the Moon completely covers the Sun from the perspective of an observer on Earth creating temporary darkness, while a partial solar eclipse happens when the Moon only partially obscures the Sun's view.
 - 2. Solar eclipses are more frequent than lunar eclipses because the Moon's orbit is closer to the plane of the Earth's orbit around the Sun.
 - 3. The eclipse magnitude is a measure of the Sun's surface area covered by the Moon.
 - 4. The "ring of fire" effect observed during an annular solar eclipse is caused by the Sun's corona becoming visible around the edges of the Moon.

How many of the statements given above are correct?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All of the above
- 71. Consider the following statements about semiconductors and their applications:
 - 1. Semiconductor chips are typically made from silicon or germanium, and they contain billions of microscopic transistors that control the flow of electricity.
 - Fabrication technology for semiconductors involves a single step of etching a silicon wafer with tiny transistors.
 - 3. Transistors are fundamental components used for amplifying sound waves in electronic devices.
 - 4. Larger wafer sizes are always preferred in the industry because they allow for more chips per wafer, ultimately reducing production costs.

How many of the statements given above are correct?

- (a) 1 only
- (b) 2 and 3 only
- (c) 1 and 4 only
- (d) 3 and 4 only
- 72. With reference to Preventive Detention, consider the following statements:
 - 1. Preventive detention means the detention of a person without trial and conviction by a court.
 - 2. A person may be taken to preventive custody only for 3 months.
 - 3. Article 22 makes it mandatory for preventive detention laws to form advisory boards consisting of persons qualified to be High Court judges.

How many of the statements given above are correct?

- (a) 1 and 2 only
- (b) 1, 2 and 3
- (c) 2 and 3
- (d) 1 and 3
- 73. Consider the following statements regarding Suvidha Portal:
 - 1. The Suvidha portal is a technological solution developed by the Reserve Bank of India (RBI).
 - 2. Political parties and candidates can easily request permission online through the Suvidha portal.

Which of the following statements is/ are not correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 74. Consider the following statements regarding Artificial reefs:
 - 1. These are structures built by humans through biorock technology and are placed on the seabed in freshwater or saltwater environments.
 - 2. India doesn't have any artificial reef installations within its waters.

Which of the following statements is/ are not correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 75. Consider the following statements about Real Estate (Regulation and Development) Act (RERA), 2016:
 - RERA extends to both residential and commercial real estate.
 - 2. 70% of the funds collected from home buyers should mandatorily go to RERA escrow account.
 - 3. A homebuyer can claim for refund or interest for delayed possession from a developer.

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
- 76. Consider the following statements:
 - 1. The Sittwe Port, located in the Chin State of Myanmar.
 - 2. It will also reduce dependency on the Siliguri Corridor (or the chicken's neck).

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. Consider the following statements with respect to 'Curative Petition':
 - 1. A curative petition is a legal recourse available after the dismissal of a review plea against a final conviction.
 - 2. Curative petitions are generally decided by judges in open-court hearings.
 - 3. Principles governing curative petitions were established by the Supreme Court in the case of Rupa Ashok Hurra Vs Ashok Hurra & another Case, 2002.

How many of the above statements are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None
- 78. Consider the following statements:

Statement-I: India's initiative to bolster early warning systems underscores the importance of international cooperation in addressing the growing threat of natural disasters and climate change.

Statement-II: A report by the World Meteorological Organization (WMO) highlights that natural disasters have surged over five times between 1970 and 2019, with water-related disasters becoming the most prevalent globally. Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct, and Statement-II is the correct explanation for Statement-I.
- (b) Both Statement-I and Statement-II are correct, and Statement-II is not the correct explanation for Statement-I.
- (c) Statement-I is correct, but Statement-II is incorrect.
- (d) Statement-I is incorrect, but Statement-II is correct.

Answers

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

