



August 2023 (Part-I)

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- 1. What conditions favor the development of a heat wave?
 - 1. Prevalence of hot dry air over a region
 - 2. Absence of moisture in the upper atmosphere
 - 3. The sky should be practically cloudless.
 - 4. Large amplitude anti-cyclonic flow over the area Select the correct answer using following code:
 - (a) Only 1 and 2
- (b) Only 3
- (c) Only 4
- (d) All the above
- 2. Consider the following statements about MSMEs:
 - 1. Their general definition is based on Investment in Plant & Machinery/equipment and Annual Turnover.
 - 2. The eligibility criteria for the Micro category require that the investment should not exceed Rs. 1 crore, and the annual turnover should not exceed Rs. 5 crores.
 - 3. The Small category mandates that the investment should not exceed Rs. 10 crores, and the annual turnover should not exceed Rs. 50 crores.
 - 4. For the Medium category, the permissible investment limit is not more than Rs. 50 crores, and the annual turnover should not exceed Rs. 250 crores.

Which of the given above statements is/are correct?

- (a) Only 1 and 2
- (b) Only 2 and 3
- (c) Only 3 and 4
- (d) All the above
- 3. Consider the following statements about The ULLAS (Understanding Lifelong Learning for All in Society) initiative:
 - 1. It was launched by Ministry of Culture.
 - 2. It has been launched to promote cultural learning among citizens aged between 15 to 35 years.

Which of the given above statements is/are correct?

- (a) Only 1
- (b) Only 2
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 4. Consider the following statements:
 - 1. AMC Repo Clearing Limited (ARCL) offers triparty repo services to facilitate repo transactions in corporate bonds, which are long-term borrowings backed by securities as collateral.
 - 2. Triparty repo services are referred to the financial transactions where a third party, often a custodian or clearing agent, acts as an intermediary between the two parties involved in a repo agreement.

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

- (a) 1 only
- (b) 2 only
- (c) Only 1 and 2
- (d) Neither 1 nor 2
- 5. Consider the followings statements regarding Mahila Samman Savings Certificate Scheme (MSSC):
 - 1. Under the scheme, women of any age group, including girl children, can open an account with a minimum deposit of Rs. 1000 and a maximum deposit of Rs. 2 Lakhs.

- 2. The scheme offers an interest rate of 7.5% p.a., which is compounded quarterly.
- 3. It has a provision for partial withdrawal and premature closure of the account is allowed at any time after six months of opening without any reduction in the interest rate.

How many of the statements given above are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None
- 6. Which of the following correctly defines the Kessler Syndrome?
 - 1. The phenomenon of space overpopulation with objects and debris poses a significant hazard to operational satellites, increasing the likelihood of collisions with them.
 - 2. A phenomenon in which the gravitational pull of the Earth causes satellites to decay and re-enter the atmosphere, creating fireballs and sonic booms.
 - 3. A condition in which the radiation belts around the Earth interfere with the electronics and communications of satellites, causing them to malfunction or fail.
 - 4. A situation in which the solar wind and coronal mass ejections from the Sun damage or destroy satellites, creating power outages and geomagnetic storms.
- 7. With reference to the Mangroves, consider the following statements:
 - 1. The International Day for the Conservation of the Mangrove Ecosystem is celebrated on 26 July every year.
 - 2. Sundarbans in West Bengal are the largest mangrove forest regions in the world.

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 8. Which of the following are characteristics of Akira Ransomware?
 - (a) It appends the .akira extension to the encrypted
 - (b) It deletes the Windows Shadow Volume copies on the affected devices.
 - (c) It uses VPN services to trick users into downloading malicious files.
 - (d) All of the above
- 9. Cocos Islands, which is recently seen in the news, is part of which of the following countries?
 - (a) Myanmar
 - (b) Australia
 - (c) Papua New Guinea
 - (d) Madagascar

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- 10. With respect to Telecom Regulatory Authority of India (TRAI), consider the following statements:
 - 1. It is a non-statutory body established by executive action.
 - Its main function is to regulate telecom services, including fixation/revision of tariffs for telecom services.
 - 3. The recommendations of the TRAI are binding upon the Central Government.

Which of the above given statements is/are correct?

- (a) Only 2
- (b) Only 3
- (c) Only 2 and 3
- (d) Only 1 and 3
- 11. Consider the following statements:

Statement 1: Southwest monsoon winds from the Arabian Sea and the Bay of Bengal blow southwest to northeast over the peninsular region due to a pressure gradient between north and south.

Statement 2: The moist air in the Southwest monsoon from the southwest reaches the Tibetan Plateau, forced to ascend due to the higher elevation of the plateau the air rises, and condenses leading to the formation of clouds and eventually rainfall.

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-1.
- (c) Statement-I is correct, but Statement-II is incorrect.
- (d) Statement-I is incorrect, but Statement-II is correct.
- 12. Consider the following statements regarding Kharif Crops:
 - 1. They depend on retreating and northeast monsoon seasons for irrigation and growth.
 - 2. They account for more than 50% of the total foodgrain production in India.
 - 3. Pearl millet, finger millet and pulses are major kharif crops.

How many of the statements given above are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None of the above
- 13. With reference to the Cell-Free DNA (cfDNA), consider the following statements:
 - 1. It is released into the extracellular environment under different circumstances, including cell death or other cellular processes.
 - 2. The 'GEMINI' test utilizes cfDNA sequencing to detect lung cancer.

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:
 - 1. Agriculture Infrastructure Fund (AIF) is 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 credit guarantee support.
 - National Mission on Edible Oil-Oil Palm (NMEO-OP) is a Scheme launched to promote oil palm cultivation in India with special focus on areas which were selected under Green Revolution.

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. Consider the following statements regarding PM Young Achievers Scholarship Award Scheme for Vibrant India (PM –YASASVI):
 - The scheme is being implemented by the Ministry of Education.
 - The Scheme covers students from Other Backward Class (OBC), SC, Denotified, Nomadic and semi-Nomadic Tribe (DNT) categories but excludes Economically Backward Castes (EBC).

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.** Which of the following can be the causes of Urban Flooding?
 - 1. Encroachments on Drainage Channels
 - 2. Pollution of water bodies
 - 3. Uninformed Release of Water from Dams
 - 4. Illegal Mining

Select the correct answer using the codes given below:

- (a) 1, 3 and 4 only
- (b) 1, 2 and 3 only
- (c) 2, 3 and 4 only
- (d) 1, 2, 3 and 4
- 17. Consider the following statements:
 - The Unorganised Workers' Social Security Act, 2008 defines unorganized workers as those who work in the informal sector or households, without any regular employment or social security benefits.
 - 2. The establishment of National Social Security Board and State Social Security Boards for unorganized workers to advise and monitor the implementation of the schemes is provided under the Code on Social Security, 2020.

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

- 18. Consider the following statements:
 - 1. Gallium arsenide is the only semiconductor compound.
 - 2. India imports semiconductor chips from China, Taiwan, USA and Iran.
 - 3. The India Semiconductor Mission was launched in 2021.

How many of the statements given above are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None
- 19. The term 'MPOWER', recently seen in the news, is related to which of the following?
 - (a) A campaign to raise awareness about banking frauds by RBI.
 - (b) An online app to pay electricity bills introduced by the Ministry of electronics and information technology.
 - (c) A set of strategies developed by WHO to combat tobacco use and its detrimental effects on health.
 - (d) An online app developed for Niti Aayog to monitor government schemes.
- 20. Consider the following statements regarding the state of formal employment in India:
 - 1. As per the NSO's Periodic Labour Force Survey (PLFS) report for the year 2021-22, the unemployment rate for 2021-22 was 4.1%.
 - Between 2017 and 2022, the number of regular contributors to Employees Provident Fund's (EPF) consistently increased.

Which of the given 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 the Exclusive Economic Zone (EEZ), consider the following statements:
 - 1. Each coastal State may claim an EEZ beyond and adjacent to its territorial sea that extends seaward up to 200 nautical miles from its baselines.
 - 2. Within its EEZ, a coastal state has rights to carry out activities like the production of energy from the water, currents and wind.

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
- 22. With reference to the AMRUT Mission, consider the following statements:
 - 1. It is a centrally sponsored scheme.
 - 2. Under this mission the purpose is to ensure that every household has access to a tap with the assured supply of water and a sewerage connection.

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

- 23. Regarding the scheme "Vivad se Vishwas II", consider the following statements:
 - 1. The scheme "Vivad se Vishwas II" is launched by the Ministry of Finance.
 - 2. The scheme aims to resolve contractual disputes efficiently and promote ease of doing business with the government.
 - 3. Government e-Marketplace (GeM) portal will be used for the implementation of the scheme.

How many of the statements given above are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None
- 24. Consider the following statements:
 - 1. Justice G. Rohini-headed Commission for the subcategorisation of Other Backward Classes (OBC).
 - 2. The commission was set up under Article 340 of the 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
- 25. Consider the following statements:
 - 1. As per the India State of Forest Report (ISFR) 2021, India's total forest and tree cover accounts for 24.62% of the country's geographical area.
 - 2. The Compensatory Afforestation Fund Management and Planning Authority (CAMPA) is a body created on the Supreme Court's orders.

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
- 26. Consider the following statements regarding the PM Young Achievers Scholarship Award Scheme for Vibrant India (PM –YASASVI):
 - 1. It is being implemented as an umbrella scheme by the Ministry of Skill Development in collaboration with the Ministry of Science and Technology.
 - 2. Both Scheduled Tribe (ST) and Denotified, Nomadic and semi-Nomadic Tribe (DNT) categories are included in the scheme.

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 27. Consider the following statements regarding the process of adding a community to the List of Scheduled Tribes:
 - The process initiates at the State/UT level where the concerned government recommends the inclusion of a specific community.
 - 2. Once the National Commission for Scheduled Tribes has approved the proposal, it is sent to the Registrar General of India (RGI).

3. The corresponding bill to amend the Constitution (Scheduled Tribes) Order, 1950, can only be forwarded for President's assent if it has been passed in both Lok Sabha and Rajya Sabha.

How many of the statements given above are **not** correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None of the above
- 28. Aadi Perukku festival is celebrated in which of the following states of India?
 - (a) Telangana
- (b) Tamil Nadu
- (c) Orissa
- (d) Andhra Pradesh
- 29. With reference to the China's Stapled Visas, consider the following statements:
 - 1. The issuance of stapled visas commenced in 2005, with China consistently providing these types of visas to individuals from Arunachal Pradesh and Jammu and Kashmir.
 - 2. A stapled visa is an unstamped piece of paper attached to a passport with staples or a pin.
 - 3. The stapled visas are considered valid by China and India both.

How many of the above statements are **not** correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None
- 30. With reference to the terms associated with Economy, consider the following statements:
 - 1. Corporate bonds are debt securities issued by corporations to raise capital for various purposes.
 - 2. Triparty repo services are financial transactions where a third-party acts as an intermediary between the two parties involved in a repurchase agreement.

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
- 31. Consider the following statements about Child Labour in India:
 - 1. According to the National Crime Records Bureau Report of 2022, Telangana had registered highest number of cases under the Child Labour (Prohibition and Regulation) Act, 1986 in 2021 with Assam following closely behind.
 - 2. SDG Goal 8.7 seeks to eradicate the most severe forms of child labour, such as child soldiers' recruitment and exploitation, and aims to put an end to all forms of child labour by the year 2025.

Which of the above given statements is/are correct?

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

- 32. With reference to Seagrass Meadows, Consider the following statements:
 - 1. Seagrass refers to a group of flowering plants that grow in marine environments, predominantly in shallow coastal waters.
 - 2. They thrive well in protected coastal areas in muddy
 - 3. Seagrasses are highly effective at sequestering carbon dioxide (CO2) from the atmosphere, making them essential in mitigating the impacts of climate change.
 - 4. Antarctica is the only continent without seagrasses. Which of the above given statements is\are **not** correct?
 - (a) Only one
- (b) Only two
- (c) Only three
- (d) All four
- 33. Statement-I: Quantum mechanics is a subfield of physics that describes the behavior of particles, atoms, electrons, photons, and almost everything in the molecular and sub molecular realm.

Statement-II: Quantum computers store information as binary 0 and 1 states.

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
- 34. With reference to Cinematograph (Amendment) Bill, 2023, Consider the following statements:
 - 1. It aims to extend the coverage of the Cinematograph Act, 1952, which was primarily focused on censorship, to now encompass copyright protection.
 - 2. The bill aims to deter piracy of films by imposing strict penalties on individuals involved in unauthorized audio-visual recording and distribution of copyrighted content.

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 35. "MPOWER measures" a set of strategies developed by WHO is related to which of the following:
 - (a) Tobacco Use
 - (b) Drug Resistance
 - (c) HIV-AIDS
 - (d) Tuberculosis

- 36. With reference to Sugarcane in India, consider the following statements:
 - 1. India is the second largest producer of sugarcane after Brazil.
 - 2. Maharashtra is one of top sugarcane producing states in India.
 - 3. Fair and Remunerative Price (FRP) is set by the government that sugar mills are obligated to pay to farmers for the sugarcane procured from them.

How many of the statements given above are correct?

- (a) One only
- (b) Two only
- (c) All three
- (d) None
- 37. With reference to the POCSO Act, 2012, consider the following statements:
 - It was enacted in consequence to India's ratification of the UN Convention on the Rights of the Child in 1992.
 - Under the POCSO Rules, the Child Welfare Committee (CWC) imposes mandatory, immediate payment for essential needs.
 - 3. The offence of 'sexual assault' has been defined in explicit terms (with increased minimum punishment) under this act, unlike an abstract definition of 'outraging modesty of a woman' in the Indian Penal Code.

How many of the statements given above are **not** correct?

- (a) One only
- (b) Two only
- (c) All three
- (d) None
- 38. With reference to Superconductors, consider the following statements:
 - Superconductors are materials that exhibit zero electrical resistance when cooled to extremely low temperatures.
 - 2. Recently discovered material LK-99 is a superconductor at room temperature and pressure.
 - 3. Superconductors conduct electricity with no loss of energy.

Which of the statements given above is/are correct?

- (a) Only One
- (b) Only Two
- (c) All Three
- (d) None
- 39. **Statement-I:** The range of the Himalayan vulture extends across several countries, including India, Nepal, Bhutan, and China, where it thrives in challenging high-altitude environments.

Statement-II: Under the IUCN Red list, Himalayan vulture is listed as critically endangered.

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
- 40. Which of the following are the components of National Initiative for Developing and Harnessing Innovations (NIDHI) programme:
 - NIDHI-PRAYAS (Promoting and Accelerating Young and Aspiring Innovators and Startups)
 - 2. NIDHI Entrepreneurs-In-Residence (EIR) Program
 - 3. NIDHI Seed Support Program
 - 4. Technology Business Incubators (TBIs) and Centres of Excellence (CoE)

Select the correct answer using the codes given below:

- (a) 1 and 2 only
- (b) 1, 2 and 3 only
- (c) 2 and 3 only
- (d) 1, 2, 3 and 4
- 41. Consider the following statements with respect to 'River Devika Rejuvenation Project':
 - 1. This project was launched under the National River Conservation Plan (NRCP).
 - 2. Devika River originates from the hilly Suddha Mahadev temple in the Udhampur district of Jammu and Kashmir.
 - 3. It flows down towards eastern Punjab where it merges with the Beas River.

How many of the above statements are **not** correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None
- 42. Consider the following countries:
 - 1. Libya
- 2. Mauritania
- 3. Burkina Faso
- 4. Mali
- 5. Ghana
- 6. Benin

How many of the above have borders with Niger?

- (a) Only two
- (b) Only three
- (c) Only four
- (d) Only five
- 43. 'Harmonised System of Nomenclature' is sometimes talked about with reference to which one of the following?
 - (a) The system that assigns a unique code to every product that is traded internationally.
 - (b) The system is used to classify animals and plants based on their genetic characteristics.
 - (c) The system that categorizes books and publications based on their subject matter.
 - (d) The system is used for assigning license plate numbers to vehicles in a specific country.

Statement-II: Largest global strategic petroleum reserves in the world is in China.

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
- 45. With reference to BharatNet Project, Consider the following statements:
 - National Optical Fibre Network (NOFN) was launched in October 2011 and was renamed as Bharat Net Project in 2015.
 - 2. It is the world's largest rural broadband connectivity programme using Optical Fiber.
 - 3. Bharat Broadband Network Ltd. is a Special Purpose Vehicle set up by the Government of India under the Companies Act, 1956.

How many of the statements given above are correct?

- (a) Only One
- (b) Only Two
- (c) All Three
- (d) None
- 46. Consider the following statements about the Quit India Movement:
 - 1. It was launched by Mahatma Gandhi in response to the Cabinet Mission Plan.
 - 2. It was initiated on 8th August 1942, at the All-India Congress Committee session in Calcutta.
 - 3. The slogan 'Quit India' was given by Yusuf Meherally. How many of the above statements are correct?
 - (a) Only one
- (b) Only two
- (c) All three
- (d) None
- 47. Consider the following statements about the recently updated National Organ Transplantation Guidelines in India:
 - 1. The guidelines allow patients above 65 years of age to receive an organ from deceased donors.
 - 2. The guidelines require patients to register for organ transplants only in their state of domicile.
 - 3. The guidelines mandate registration fees for organ recipient registration.

How many of the above statements are correct?

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

- 48. Consider the following statements about the Indian Railways:
 - 1. It has its own mascot named Bholu, a tiger dressed as a railway guard, created by the National Institute of Design in 2002.
 - Darjeeling Himalayan Railway is the only UNESCOrecognized world heritage site for Indian railways.
 - 3. The Indian Railways has the world's highest railway bridge, the Chenab Rail Bridge, located in Dharot, Jammu and Kashmir.

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 only
- 49. Which of the following is/are advantage/s of co-firing coal with biomass pellets?
 - 1. Carbon emission reduction
 - 2. Renewable energy integration
 - 3. Economic and regulatory benefits
 - 4. Coal quality improvement

Select the correct answer using the codes given below:

- (a) 1, 2 and 3 only
- (b) 2, 3 and 4 only
- (c) 1, 3 and 4 only
- (d) 1, 2, 3 and 4
- 50. Consider the following statements regarding World University Games (Universiade):
 - 1. The Universiade that features a wide range of sports similar to the Olympic Games is held every two years.
 - 2. It is organized by the International University Sports Federation (FISU).

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
- 51. Consider the following statements regarding the Nagar Van Yojana (Urban Forest Scheme):
 - It is a joint initiative of World Wildlife Fund (WWF) India and Prime Minister's Council on Climate Change (PMCCC).
 - It was introduced in the year 2020 with the objective of creating 1000 Nagar Vans (urban forests) in cities equipped with any urban local body - Municipal Corporation, Municipal Council or Municipality.

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 52. Consider the following statements regarding INTERPOL:
 - 1. It was established in 1923 and India is one of its founding members.
 - 2. It is headquartered in Paris, France.
 - 3. The Central Bureau of Investigation (CBI) is one of the ten members of the Interpol Global Academy Network.

How many of the statements given above are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None of the above
- 53. Consider the following statements:
 - 1. India is ranked third in the world in terms of building large dams.
 - 2. Hirakud Dam in Odisha built on river Mahanadi is the oldest and longest dam 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
- 54. Which one of the following schemes aims to provide play-based learning teaching material tailored for children between the age group of 3 to 8 years?
 - (a) PM Schools for Rising India (SHRI)
 - (b) National Initiative for Proficiency in Reading with Understanding and Numeracy (NIPUN) Bharat
 - (c) National Initiative for School Heads' and Teachers' Holistic Advancement (NISHTHA)
 - (d) National Curriculum Framework for Foundational Stage (NCF FS) & Jadui Pitara
- 55. Consider the following statements regarding Mars:
 - 1. The reddish appearance of Mars is due to a nitrogenrich atmosphere.
 - 2. The largest volcano in the solar system, known as Olympus Mons, is located on Mars.
 - 3. Mars has a thick atmosphere primarily composed of oxygen.
 - 4. Liquid water is abundant on Mars' surface.

How many of the statements given above are correct?

- (a) Only one
- (b) Only two
- (c) Only three
- (d) All four
- 56. Consider the following statement regarding Quality Planting Material (QPM):
 - 1. QPM certification is a process of ensuring that the planting material meets the prescribed standards of quality and is suitable for the intended purpose.
 - 2. QPM is an essential input in agriculture and forestry for maximizing revenues, improving adaptability to adverse environmental conditions, and meeting quality raw material requirements of markets

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
- 57. Statement-I: Small Modular Reactors are advanced nuclear reactors that have a power capacity of up to 300 MW(e) per unit, which is about one-third of the generating capacity of traditional nuclear power reactors.

Statement-II: Small Modular Reactors however have lower safety features than traditional nuclear power reactors.

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
- 58. With reference to cotton, consider the following statements:
 - 1. It is a Kharif crop.
 - 2. It is a drought resistant crop ideal for arid climates.
 - 3. Optimum temperature required for cotton is between 21-30°C.
 - 4. Around 50 to 100 cm rainfall is required.

Which of the statements given above is/are correct?

- (a) Only One
- (b) Only Two
- (c) Only Three
- (d) All Four
- 59. With reference to the Telecom Regulatory Authority of India (TRAI), consider the following statements:
 - 1. It consists of a chairperson and not more than two whole-time Members and not more than two parttime Members.
 - 2. The recommendations of the TRAI are not binding upon the Central Government.

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
- 60. With reference to the Indian Navy, consider the following statements:
 - 1. The Indian Navy was established in 1612 by the East India Company.
 - 2. It is headed by the President of India as its Supreme Commander.
 - 3. It operates three classes of submarines namely Chakra, Sindhughosh and Shishumar.

How many of the statements above are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None
- 61. Consider the following statements with respect to 'National Food Security Mission (NFSM)':
 - 1. National Food Security Mission (NFSM) is a Centrally Sponsored Scheme launched on the recommendations of the agriculture sub-committee of National Bank for Agriculture and Rural Development (NABARD).

- 2. The scheme focuses on specific crops like rice, wheat, and pulses initially later includes coarse cereals, nutri-cereals, and oilseeds in its scope.
- 3. High-yielding varieties and hybrids are developed, produced, and distributed to farmers to enhance the quality and quantity of agricultural output.

How many of the above statements are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None
- 62. With reference to the Ayushman Bharat-PMJAY, consider the following statements:
 - 1. It is an entitlement-based scheme that targets the beneficiaries as identified by latest Socio-Economic Caste Census (SECC), 2011 data.
 - 2. The National Health Authority (NHA) is a nodal agency which has been constituted as an autonomous entity under the National Health Authority Act, 1860.
 - 3. The National Health Authority (NHA) has given States/Union Territories the option to use other databases that have similar information about people's backgrounds and economic situations to cover families that were not verified in the SECC, 2011.

How many of the above statements are **not** correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None
- 63. With which of the following countries does India conduct exercise 'Zayed Talwar'?
 - (a) UAE
- (b) Saudi Arabia
- (c) Oman
- (d) None of the above
- 64. Which of the following statements is/are correct?
 - 1. India ranks 4th globally in installed wind energy capacity as of April 2023.
 - 2. Gujarat has the highest wind power potential at 120 meters above ground level.
 - 3. The objective of National Offshore Wind Energy Policy is to develop wind energy in the Indian Exclusive Economic Zone (EEZ) along the Indian

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
- 65. With reference to Select Committee of Parliament, consider the following statements:
 - 1. The procedures and rules governing Select Committees are defined within the Rules of Procedure of the Parliament.
 - 2. The formation of a Select Committee can be initiated through a motion proposed by the Minister incharge of the Bill or any member of the Parliament.

3. It operates with a quorum of one-third of the total number of members.

How many of the statements given above are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None
- 66. With reference to the Urban local bodies, consider the following statements:
 - 1. All the members of the notified area committee are nominated by the state government.
 - 2. The Cantonment Board is created and run by the central government.

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
- 67. With reference to Lions, consider the following statements:
 - 1. They are divided into two subspecies only i.e., the African lion and the Asiatic lion.
 - 2. They are found in sub-Saharan Africa and a small population exists in the Gir Forest National Park in India.
 - 3. The protection status of African lions in the IUCN red list is endangered across the world.

How many of the statements above are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None
- 68. Consider the following statements:
 - 1. The World Tribal day is celebrated annually on 9th August.
 - 2. Article 335 of the Indian constitution deals with the claims of Scheduled Castes and Scheduled Tribes to services and posts.

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
- 69. Consider the following statements:
 - 1. All organisms have a unique genetic code, or genome, that is composed of nucleotide bases-Adenine (A), Thymine (T), Uracil (U) and Guanine
 - 2. Whole genome sequencing is a laboratory procedure that determines the order of bases in the genome of an organism in one process.

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

- 70. Consider the following statements:
 - Unified Health Interface (UHI) is an open network of End User Applications (EUAs) that enables a wide variety of digital health services including appointment booking, teleconsultation, service discovery and others.
 - Ayushman Bharat Digital Mission Sandbox serves as a platform for testing technology and products that aids organizations, including private entities, in becoming Health Information Providers or Users.

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
- 71. Consider the following statements:

Statement-I: The Directorate General of Foreign Trade (DGFT) has announced import restrictions on computers but not on their components.

Statement-II: The move is in line with the government's efforts to strengthen domestic production through the revitalized production-linked incentive (PLI) scheme for IT hardware.

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
- 72. Consider the following statements regarding Jellyfish:
 - 1. Jellyfish are members of the phylum Cnidaria, a group of animals that includes corals, sea anemones, hydroids, and siphonophores.
 - 2. Despite their name, jellyfish do not have many characteristics of a fish, they are invertebrates, or animals with no backbones.
 - 3. Bioluminescence is one of the characteristics of all the jellyfish.

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

- (a) Only one
- (b) Only two
- (c) All three
- (d) None
- 73. Which of the following characteristics is typically associated with warm-blooded animals (endotherms)?
 - (a) They rely on external sources of heat for thermoregulation.
 - (b) Their body temperature varies with the external environment.
 - (c) They have a low metabolic rate.
 - (d) They can inhabit diverse environments due to their ability to regulate body temperature.

- 74. Consider the following statements regarding 'Economic Community of West African States (ECOWAS)':
 - 1. It was created through the Lagos Treaty and headquartered in Nigeria.
 - 2. It aims to foster economic integration, cooperation, and development among West African nations.

Which of the statements given above is/correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 75. Which of the following is not a function of a web browser?
 - (a) Requesting web documents and services from the server
 - (b) Rendering HTML to display web pages
 - (c) Compiling JavaScript to execute web applications
 - (d) Designing web pages using HTML
- 76. Consider the following statements:
 - Lymphatic filariasis is a neglected tropical disease caused by bacterial infection.
 - 2. India aims to eliminate Lymphatic Filariasis by 2027, three years ahead of the global target, through a mission-driven strategy.

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 about Atal Bhujal Yojana:
 - 1. It is a Centrally Sponsored Scheme for facilitating sustainable groundwater management.
 - 2. The scheme is being jointly funded by the Government of India and Asian Development Bank.
 - 3. It is being implemented in water stressed Gram Panchayats (GPs) in all Indian States.

How many of the above statements are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None
- 78. Consider the following statements regarding Additional Guidelines for Health and Wellness Celebrities:
 - Medical practitioners and health & fitness experts when sharing information, promoting products or services or making any health-related claims, must disclose that they are certified health/fitness experts and medical practitioners.
 - General wellness and health advice, which do not pertain to specific products, services, health conditions, or outcomes, are exempt from these regulations.

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

- 79. Consider the following statements:
 - 1. In 2023, RUSA (Rashtriya Uchchatar Shiksha Abhiyan) Scheme has been relaunched as "Pradhan Mantri Uchchatar Shiksha Abhiyan (PM- USHA).
 - 2. PM-USHA is a Centrally Sponsored 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
- 80. **Statement-I:** Deflation refers to a sustained and general decrease in the overall price levels of goods and services in the economy.

Statement-II: In a deflationary environment, consumers have to buy less goods and services for the same amount of money over time.

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

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

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