

1. Consider the following statements:

1. Sludge is a thick residue filtered out of sewage treatment plants and is a repository of heavy metals and bacterial contaminants.
 2. Sludge found in Indian sewage treatment plants established to treat polluted water from the Ganga can be used as a potential biofuel.
 3. As the treated sludge is classified as class A or class B as per the standard of United States Environment Protection, India also has classified sludge as class A or B.
- How many of the statements given above is/are correct?
- A. Only one
 - B. Only two
 - C. All three
 - D. None

2. Consider the following:

The initiative was recently mentioned in the news as it can potentially attract private investments in carbon offset projects and it was launched by India after it joined the Mangrove Alliance for Climate launched during the 27th Conference of Parties to the United Nations Framework Convention on Climate Change. It was-

- A. The MISHTI Scheme
- B. The PM PRANAM Scheme
- C. The ECOMARK Scheme
- D. The BIOFIN Initiative

3. Consider the following statements:

1. India counts all plots of 1 hectare or above, with at least 10% tree canopy density within forest cover irrespective of land use or ownership.
2. All land areas in India with tree canopy density of 40% and above are considered as dense forests and those between 10-40% are open forests.

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. Consider the following statements regarding the Carbon sequestration:

1. It includes capturing carbon dioxide and storing it essentially in a liquid form.
2. This type of sequestration can be achieved only through artificial processes.
3. The captured carbon dioxide can be stored only in the deep saline deposits.

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

-
- A. Only one

- B. Only two
- C. All three
- D. None

5. Consider the following:**The Environment (Protection) Act, 1986-**

1. Has empowered the Central Government to establish authorities charged with the mandate of preventing environmental pollution in all its forms.
2. Has been created to award compensation for damages to the environment arising from any activity involving hazardous substances.

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

6. The Mhadei Wildlife Sanctuary recently mentioned in the news is located in-

- A. Goa
- B. Maharashtra
- C. Gujarat
- D. Chhattisgarh

7. Consider the following statements regarding Desiccation-tolerant vascular (DT) Plant Species:

1. Partially shaded forests provide the crucial habitats for these species.
2. They are the predominant occupants of rock outcrops in the tropical regions.
3. All the DT species endemic to India are exclusively found in the Western Ghats.

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

- A. Only one
- B. Only two
- C. All three
- D. None

8. Consider the following statements:

1. Eutrophication begins with increased nutrients in coastal waters.
2. Acidification can prevent shell formation in bivalve mollusks.
3. Eutrophication is responsible for the growth of Algal blooms in waterbodies.

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

- A. Only one
- B. Only two

- C. All three
- D. None

9. Consider the following statements:**The Grey-water Footprint-**

1. Refers to the amount of freshwater required to dilute the pollutants.
2. Cannot indicate whether the water body has the capacity to handle the pollution.

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. Consider the following statements:

1. Phytoplankton form the foundation of aquatic food webs but their productivity is limited to the euphotic zone.
2. Exposure to solar ultraviolet radiation does not affect the orientation or the motility of phytoplankton.

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. Consider the following statements regarding the Seagrasses:

1. They grow in shallow marine waters and hence occupy only tropical areas.
2. They remove excess nutrients and produce antibacterial materials.
3. Their Degradation is critically adverse for the population of Dugongs.
4. They have been found to decline faster than the Mangroves.

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

- A. Only one
- B. Only two
- C. Only three
- D. All four

12. Consider the following statements regarding the Polymetallic nodules:

1. These are composed of cobalt, copper, and iron hydroxide.
2. These can be used in electronic devices and solar panels.
3. These are being explored through India's Deep Ocean Mission.

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

- A. Only one
- B. Only two
- C. All three
- D. None

13. Consider the following pairs:**Government Initiatives-Objectives**

1. Amrit Dharohar Scheme- Balanced use of chemical fertilizers.
2. GOBARdhan Scheme- Production of Nano-Urea liquid
3. PM-PRANAM Scheme- Reduce dependence on fossil fuel imports

How many of the pairs given above is/are correctly matched?

- A. Only one
- B. Only two
- C. All three
- D. None

14. Consider the following statements regarding the Green Credit Programme:

1. The Programme shall aim to create a market-based mechanism for incentivizing voluntary environmental actions by the urban local bodies.
2. The Programme shall be administered by the Indian Council of Forestry Research and Education.

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

15. Consider the following statements:

1. Ocean Acidification refers to the process when the dissolving Carbon dioxide in seawater forms carbonic acid.
2. Increased ocean temperature, oxygen loss along with Ocean acidification make up the 'deadly trio' of climate change.
3. Unlike other climate change phenomena, Ocean acidification has taken place at a slow pace.

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

- A. Only one
- B. Only two
- C. All three
- D. None

16. Consider the following statements:

1. Ocean plastic pollution is measured as an absolute quantity of the amount of plastic released by

a country into the ocean annually.

2. India and Indonesia have been identified as among the top generators of marine plastic waste in the world.

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

17. Consider the following statements:

- 1. Fluorinated gases are emitted in smaller quantities than other greenhouse gases and hence they are less potent greenhouse gases.
- 2. Unlike fluorinated gases, methane is not emitted through agricultural land use and industrial activities.
- 3. Fluorinated gases can be used as substitutes for stratospheric ozone-depleting substances.

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

- A. Only one
- B. Only two
- C. All three
- D. None

18. Consider the following statements regarding the Radiative Forcing:

- 1. It is a commonly used metric for assessing climate change mechanisms.
- 2. It can directly measure the changes in the Earth's climate due to human activities.
- 3. It is easily measured through the effects caused by the aerosols.

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

- A. Only one
- B. Only two
- C. All three
- D. None

19. Consider the following statements:

- 1. The Global Environment Facility acts as a catalyst for action on the environment and was established at the 1992 Rio Earth Summit.
- 2. The Global Environment facility provides a financial mechanism for the Minamata Convention on Mercury and the Stockholm Convention on Persistent Organic Pollutants.

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

20. The term 'Blue Transformation' sometimes seen in the news is associated with-

- A. A strategy designed to enhance the potential of aquatic food systems.
- B. An Indian programme to protect the shoreline habitats.
- C. A strategy to protect the Indus Dolphin and its natural habitat.
- D. A programme to conserve and protect the coral reefs from bleaching.

21. Which of the following is/are the main constituents of Biogas?

- 1. Methane
- 2. Nitrogen
- 3. Carbon Dioxide
- 4. Hydrogen Sulphide

Select the correct answer using the code given below:

- A. 1 only
- B. 2 and 3 only
- C. 1 and 3 only
- D. 1, 2 and 3

22. Consider the following statements regarding CITES (Convention on International Trade in Endangered Species of Wild Fauna and Flora):

- 1. CITES was drafted as a result of a resolution adopted at a meeting of members of the United Nations Environment Programme.
- 2. CITES is legally binding on the Parties and hence it takes the place of national laws in the signatory nations.

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. Consider the following statements regarding the Wildlife Crime Control Bureau:

- 1. It was constituted by an amendment to the Wild Life (Protection) Act, 1972.
- 2. It is responsible for implementing obligations under the international Conventions.

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 the Sahel Region of Africa:

1. It stretches from the Atlantic coast of Senegal and Mauritania to the Red Sea coast of Eritrea.
2. It acts like as a transition zone between the Sahara Desert to the north and the Savannahs to the south.

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. The Clarion-Clipperton Zone recently talked about in the news is associated with-

- A. Deep-sea mining
- B. Permafrost thawing
- C. Ozone Depletion
- D. Solid-waste management

26. Consider the following statements:

Statement-I:

Bioremediation is a process that involves the action of microorganisms and plant enzymes to detoxify contaminants in the soil and other environments.

Statement-II:

The bioremediation process creates relatively higher harmful by-products due to the fact that the contaminants are converted into toxic greenhouse gases.

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

27. Consider the following:

1. Tobacco
2. Sunflower
3. Water Hyacinth
4. Duckweed

How many of the plant species mentioned above can be used in the process of Rhizofiltration?

- A. Only one
- B. Only two
- C. Only three

D. All four

28. Consider the following statements:

1. The Global Methane Pledge was jointly launched by India and the United Nations Environment Programme.
2. The Global Methane Pledge aims to cut down methane emissions by up to 30 percent from 2020 levels by the year 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

29. Consider the following statements:

Statement-I:

Under the Kigali Amendment, Parties to the Montreal Protocol are mandated to phase down the production and consumption of Hydrofluorocarbons.

Statement-II:

Hydrofluorocarbons do not deplete the stratospheric ozone layer as they have low global warming potential having no adverse impact on climate.

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 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

30. Consider the following statements:

1. The Montreal Protocol is an international environmental treaty formulated for the protection of the Ozone Layer.
2. India has successfully completed the phase-out targets set up as per the Montreal Protocol Schedule.

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. Which one of the following has launched the Global Shield Financing Facility to help developing countries access more financing for recovery from natural disasters?

- A. The World Bank Group
- B. The International Monetary Fund
- C. The World Economic Forum
- D. The United Nations Environment Programme

32. Consider the following:

- 1. Biogas Programme
- 2. Biomass Programme
- 3. Waste to Wealth Programme
- 4. Waste to Energy Programme

How many of the Schemes mentioned above come under the ambit of the National Bioenergy Programme of India? ○

- A. Only one
- B. Only two
- C. Only three
- D. All four

33. Which one of the following statements best describes the Rotterdam Convention?

- A. It is a global agreement focussed on trans-border movements of hazardous and other wastes.
- B. It promotes shared responsibilities in relation to the importation of hazardous chemicals.
- C. It aims to protect the environment from anthropogenic emissions and releases of mercury.
- D. It applies to all activities involving the exposure of workers to asbestos in the course of work.

34. Consider the following statements:

- 1. The Marrakech Partnership for Global Climate Action enables collaboration between investors to accelerate climate action without governmental intervention.
- 2. The Global Solar Council is a member of the Marrakech Partnership for Global Climate Action within the United Nations Framework on Climate Change (UNFCCC).

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. Consider the following statements:

- 1. First Movers Coalition is a platform for the companies to create early markets for innovative clean energy technologies.

2. Indian companies have joined as founding members of the First Movers Coalition to work towards driving demand for zero-carbon technologies.

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. Which one of the following established “the Aichi biodiversity targets” to mitigate biodiversity loss across the Globe?

- A. The Wildlife Conservation Society
- B. The Centre for Biodiversity and Conservation
- C. The International Union for Conservation of Nature
- D. The United Nations Convention of Biological Diversity

37. Consider the following:

The Vienna Convention sometimes mentioned in the news-

- 1. Is based on scientific understanding of ozone depletion and its impacts on human health.
- 2. Requires countries to take control actions to protect the ozone layer which is not covered in the Montreal Protocol.

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. With reference to the Ramsar Convention on Wetlands, consider the following statements:

- 1. The convention uses a broad definition of wetlands but does not include peatlands and human-made sites such as rice paddies and salt pans.
- 2. This provides the single most global framework for intergovernmental cooperation on wetland issues.
- 3. At the time of joining, each Contracting Party must designate at least one wetland site within their territory as a wetland of International Importance.

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

- A. Only one
- B. Only two
- C. All three
- D. None

39. How many of the following specific areas are encompassed under the missions of the National Action Plan on climate change (NAPCC)?

1. Promoting Sustainable Agriculture
2. Promoting Green India
3. Developing Smart Cities
4. Developing Solar Energy

Select the correct answer using the code given below:

- A. Only one ☐
- B. Only two ☐
- C. Only three ☐
- D. All four ☐

40. Consider the following statements:

1. Mangroves, salt marshes and seagrasses are found along the coastlines of every continent including Antarctica.
2. The Blue Carbon Initiative focuses on carbon in coastal ecosystems including mangroves, tidal marshes and seagrasses.

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:

1. REDD+ is a framework created by the UNFCCC Conference of the Parties.
2. The Paris Agreement does not endorse the implementation of REDD+ activities.
3. REDD+ aims to implement activities to reduce human pressure on forests.

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

- A. Only one ☐
- B. Only two ☐
- C. All three ☐
- D. None ☐

42. Consider the following statements regarding the Community Forest Resource (CFR) Rights in India:

1. Each CFR area has a customary boundary with identifiable landmarks recognised by the community and its neighboring villages.
2. CFR Rights along with Community Rights under the Forest Rights Act include rights over non-timber forest products.
3. Kanger Ghati National Park is the only National Park in India where the CFR rights have been recognized.

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:

1. Carbon capture and storage refers to a collection of technologies that can combat climate change by reducing carbon dioxide emissions.
2. The Amine scrubbing technique can be used to separate carbon dioxide (CO₂) from natural gas and hydrogen.

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:

1. Green crackers can reduce greenhouse emissions but contain hazardous elements like barium nitrate.
2. According to the National Green Tribunal, green crackers are permitted only in cities and towns where air quality is poor.

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

45. With reference to the Environmental Protection Agency, consider the following statements:

1. It is an organisation established under the International Union for Conservation of Nature.
2. The specific areas covered under the EPA include wildlife, wetlands and nuclear waste.
3. It does not regulate manufacturing, processing and use of chemicals and other pollutants.

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

- A. Only one
- B. Only two
- C. All three
- D. None

46. Consider the following statements regarding the Wild Life (Protection) Act of 1972:

1. It provides for state wildlife advisory boards and the establishment of sanctuaries and national

parks.

2. An amendment to this Act introduced a provision permitting the capture of wild animals for the scientific management of animal population.

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 regarding the National Green Tribunal (NGT):

1. It is not bound to follow the procedures laid down in the Code of Civil Procedure, 1908.
2. It is guided by the principles of natural justice and hence its decision is not binding on the defaulter.

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. The Karnal Technology sometimes seen the news can be best applied in-

- A. Sewage Treatment
- B. In-situ conservation
- C. Sediment Transportation
- D. Terraforming

49. The Koronivia Joint Work on Agriculture recognizes the potential of agriculture in tackling climate change and has been formulated under-

- A. The United Nations Framework Convention on Climate Change
- B. The United Nations Environment Programme
- C. The Food and Agriculture Organization
- D. The United Nations Conference on Environment and Development

50. Consider the following statements:

1. The Coastal Regulation Zone notification, 1991 prohibit developmental activities and disposal of wastes in the fragile coastal ecosystems.
2. There are 31 major Marine Protected Areas in India covering coastal areas notified under Wildlife Protection Act, 1972.

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

51. Which of the following species/organisms can establish Amensalism relationship with other organisms?

- 1. Penicillium
- 2. Black walnut
- 3. Trichoderma
- 4. Honeybee

Select the correct answer using the code given below

- A. 2 and 4 only
- B. 1, 3 and 4 only
- C. 1, 2 and 3 only
- D. 1 and 3 only

52. Consider the following statements regarding Black necked crane

- 1. They are commonly found in mangroves in the eastern coast of India.
- 2. Degradation of wetlands leads to decline in the population of the bird.
- 3. It is regarded by the Svetambara Jain community as the reincarnation of Adinatha.
- 4. The World Wide Fund-India is engaged in conservation of the bird and it's natural habitats.

How many of the statements given above are correct?

- A. Only one
- B. Only two
- C. Only three
- D. All four

53. The World Conservation Congress is convened by which of the following International Organisations?

- A. International Union for Conservation of Nature
- B. Conservation International
- C. Fauna and Flora International
- D. The Nature Conservancy

54. Consider the following statements regarding Bengal Eagle Owl

- 1. It is native to Hilly scrub forests and tropical and subtropical dry shrublands in the Indian subcontinent.
- 2. This Endangered bird is a species of the Eurasian eagle owl.
- 3. This horned owl species is worshipped by several tribal communities in North Eastern India.

How many of the statements given above are correct?

- A. Only one
- B. Only two
- C. All three
- D. None

55. Consider the following statements regarding Patwa plant

1. It is an aromatic hard-wood tree.
2. This evergreen tree is found in Southern parts of the Western ghats.
3. Essential Oil extracted from the plant is helpful in protecting human cells against free radicals.

Which of the statements given above is/are correct?

- A. Only one
- B. Only two
- C. All three
- D. None

56. Consider the following marine animals

1. Blue whale
2. Pygmy shark
3. Vaquita
4. Stingray

Which of the above are classified as Cetacean?

- A. 2 and 4 only
- B. 1 and 3 only
- C. 3 and 4 only
- D. 1 and 2 only

57. Consider the following statements regarding Global Biodiversity Framework Fund

1. It has been launched by United Nations Environment Programme.
2. More than 10% of the fund will be allocated to Indigenous Peoples and Local Communities (IPLC) and will be reviewed for two years.
3. It will help Small Island Developing States to prioritise their biodiversity conservation efforts.
4. It aims to replace the Least Developed Countries Fund established under UNFCCC.

How many of the statements given above are correct?

- A. Only one
- B. Only two
- C. Only three
- D. All four

58. Consider the following statements regarding Salampanja

1. It is a tuberous plant species endemic to Hindu Kush and Himalayan mountain ranges.

2. It's medicinal properties are commonly used in Unani system of medicine.
3. Climate change is a threat to survival of the species in its natural habitat.

How many of the statements given above are correct?

- A. Only one
- B. Only two
- C. All three
- D. None

59. Consider the following statements regarding Invasive Alien species

1. They are responsible for extinction of both plant and animals species.
2. They lead to reduction of food supply in the ecosystem.
3. The Kunming Montreal Global Biodiversity Framework targets to completely contain the introduction of invasive alien species by 2050.

How many of the statements given above are correct?

- A. Only one
- B. Only two
- C. All three
- D. None

60. Consider the following statements regarding Clouded leopard

1. It inhabits alpine and sub-alpine zones in the Himalayas.
2. They are characterized by rotating ankles enabling them to climb down head first.
3. It is enlisted as a critically endangered species under the Species Recovery programme of the Government of India.
4. The Sunda clouded leopard, which is endemic to North Eastern India, has been declared as the State animal of Arunachal Pradesh.

How many of the statements given above are correct?

- A. Only one
- B. Only two
- C. Only three
- D. All four

61. Consider the following statements regarding microplastics

1. Primary microplastics are used in cosmetic products.
2. Radiation from the sun results in breakdown of larger plastics and formation of secondary microplastics.
3. 'Beat the Microbead' campaign has been launched by the National Oceanic and Atmospheric Administration to phase out microplastics from the oceans and check marine plastic pollution.

How many of the statements given above are correct?

- A. Only one

- B. Only two
- C. All three
- D. None

62. Consider the following statements regarding Slender Loris

1. They are the only herbivorous primates on earth.
2. They these nocturnal animals help in protection of agriculture crops.
3. The first ever Slender loris Sanctuary has been set up in Tamil Nadu.

How many of the statements given above are correct?

- A. Only one
- B. Only two
- C. All three
- D. None

63. Consider the following statements regarding Marine cloud brightening

1. It involves spraying of salted sea water droplets into low level cumulus clouds.
2. It is done in dry areas as a measure to check desertification.

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

64. Consider the following pairs

Report	Published by
1. Air Quality Life Index	Climate Action Network
2. Planet Wreckers	Oil Change International
3. Climate Action Tracker	Global Footprint Network

How many of the pairs given above are correct?

- A. Only one pair
- B. Only two pairs
- C. All three pairs
- D. None

65. Consider the following statements regarding Jerdon's Courser

1. It is a species of nocturnal bird.
2. Anthropogenic pressure on tropical rainforests has resulted in extinction of the bird in the wild.

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 Ultrafine particles

1. These are composed of toxic organic compounds with diameter less than 100 nm.
2. They can reach the alveoli of lungs and cause mutagenic and carcinogenic activities in humans.
3. Emissions of these particles impact rainfall distribution and periods of drought.

How many of the statements given above are correct?

- A. Only one
- B. Only two
- C. All three
- D. None

67. Consider the following statements regarding Methanotrophs

1. They are a group of aerobic gram-negative bacteria.
2. They can remove methane from the atmosphere by converting the same to Oxygen and water.
3. These organisms cannot survive in environments with methane concentration lower than 10,000 parts per million (ppm).

How many of the statements given above are correct?

- A. Only one
- B. Only two
- C. All three
- D. None

68. Which of the following are prominent sources of Volatile Organic Compounds (VOCs) in the atmosphere?

1. Vinyl flooring
2. Cosmetics
3. Air freshener
4. Wall paints
5. Cigarette smoke

Select the correct answer using the codes given below

- A. 1, 2, 3 and 4 only
- B. 2, 4 and 5 only
- C. 2, 3 and 5 only
- D. All of the above

69. Consider the following statements regarding Urea gold

1. It has been prepared by adding all essential macronutrients along with Nitrogen for optimal plant growth.

2. It is particularly used for mixed farming.
3. It releases nitrogen gradually into the soil leading to prolonged nutrient availability for crops.

How many of the statements given above are correct?

- A. Only one
- B. Only two
- C. All three
- D. None

70. Consider the following animals

1. Sloth
2. Wallaby
3. Gibbon
4. Sugar glider
5. Red Panda

Which of the above are arboreal in nature?

- A. 1, 3, 4 and 5 only
- B. 1, 3 and 4 only
- C. 1, 2 and 3 only
- D. All of the above

71. With reference to Nonbank financial companies (NBFCs), consider the following statements:

1. These entities do not hold a banking license.
2. These institutions are not allowed to take traditional demand deposits.
3. These cannot offer services such as credit facilities or currency exchange.

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

- A. Only one
- B. Only two
- C. All three
- D. None

72. India recently inaugurated the 'First Global Symposium on Farmers' Rights' which was organised by the-

- A. European Free Trade Association
- B. International Seed-Testing Association
- C. Food and Agriculture Organization
- D. Indian Council of Agricultural Research

73. Consider the following statements:

#235992

1. The Bonn Challenge is a global effort to bring 350 million hectares of the world's deforested and degraded land into restoration by 2030.
2. India joined the voluntary Bonn Challenge pledge to bring 13 million hectares of degraded and deforested land into restoration 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

74. Consider the following statements regarding the Scrub typhus:

1. It is an acute febrile illness caused by the bacterium *Orientia tsutsugamushi*.
2. It is commonly found in the Asia-Pacific region including India.
3. It is most prominent in the semi-arid regions which have scarce water.

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

- A. Only one
- B. Only two
- C. All three
- D. None

75. Consider the following statements regarding International Organisation of Legal Metrology (OIML) certificates:

1. An OIML Pattern Approval certificate is mandatory to sell a weight or measure in the international market.
2. India is a member of OIML but is not authorized to issue internationally accepted OIML certificates for selling weights in the world.

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

76. With reference to Armenia, consider the following statements:

1. It is located in the south of the Caucasus mountain Range.
2. It is situated in the Northern and Eastern hemispheres of the Earth.
3. It is bounded by Georgia in the north, Iran in the east.

How many of the statements given above is/are not correct?

- A. Only one
- B. Only two
- C. All three

D. None

77. Which among the following countries are exploring the “Eastern Maritime Corridor” to widen their maritime cooperation?

- A. India and Sri Lanka
- B. India and Russia
- C. India, Sri Lanka and Maldives
- D. China, Sri Lanka and Maldives

78. Consider the following-

- 1. China
- 2. Bhutan
- 3. India
- 4. Nepal

How many of the Nations given above is/are the part of “BASIC Countries” Grouping?

- A. Only one
- B. Only two
- C. Only three
- D. All four

79. The Term “MATSYA 6000” recently talked about in the news is associated with-

- A. Indigenously developed submersible vehicle to explore deep sea resources.
- B. Submarine developed by the Defence Research and Development Organisation.
- C. A fish species developed to reduce the invasive species in Indian water bodies.
- D. A digital programme to assist the Pradhan Mantri Matsya Sampada Yojana.

80. The Ayushman Bhav Campaign recently mentioned in the news aims to-

- A. Deliver healthcare services to the last mile of India.
- B. Felicitate the frontline health workers for their work during COVID-19.
- C. Extend the duration of the National Rural Health Mission.
- D. None of the above

81. Consider the following statements regarding Government e-Marketplace (GeM):

- 1. It facilitates online procurement of common-use Goods & Services.
- 2. It aims to enhance transparency, efficiency and speed in public procurement.
- 3. It does not provide tools for e-bidding, reverse e-auction and demand aggregation.

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

- A. Only one

- B. Only two
- C. All three
- D. None

82. With reference to National eVidhan Application (NeVA), consider the following statements:

1. It has been developed on the theme of 'One Nation-One Application'.
2. It is transforming all State Legislatures into 'Digital Houses'.
3. Its data is exclusively available to the Members of Parliament.

How many of the statements given above is/are not correct?

- A. Only one
- B. Only two
- C. All three
- D. None

83. It was the seventh Discovery-class mission and the first spacecraft to orbit Mercury. Its primary goal was to study the geology, magnetic field, and chemical composition of the planet. It was launched by NASA and orbited Mercury for more than four years. It was-

- A. Mariner Mission
- B. MOXIE Mission
- C. Magellan Mission
- D. MESSENGER Mission

84. The term "K2-18 b" recently seen in the news is used for a/an-

- A. Jovian Moon
- B. Lunar Crater
- C. Exoplanet
- D. Supermassive Black hole

85. The "Operation Polo" was recently talked about in the news in the context of-

- A. The military action launched by the Indian Army to integrate the princely state of Hyderabad with India.
- B. The initiative launched by the Government of India to bring back Indians stranded in Ukraine.
- C. The safe evacuation of all Indians from Afghanistan and provide refuge to Afghan Sikhs.
- D. The operation launched by the Indian government to evacuate Indian citizens stranded in Sudan.

86. Consider the following pairs:

Places in news	Associated Regions
1. Nyoma Airfield	Eastern Sikkim
2. Bhoj Wetland	Bhopal
3. Batagaika Crater	Chhattisgarh

How many of the pairs given above is/are correctly matched?

- A. Only one
- B. Only two
- C. All three
- D. None

87. With reference to Nipah virus, consider the following statements:

1. It is a zoonotic virus and hence cannot be transmitted between people.
2. It can cause asymptomatic infection as well as acute respiratory illness.
3. There are currently no drugs or vaccines specific for the Nipah virus.

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

- A. Only one
- B. Only two
- C. All three
- D. None

88. Consider the following statements:

1. Spinal muscular atrophy refers to a group of hereditary diseases that can damage specialized nerve cells in the brain.
2. The most common form of Spinal muscular atrophy is caused by a missing gene which is responsible for the production of a protein essential to motor neurons.

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

89. Consider the following:

1. The market exchange rate is essentially an equilibrium price at which the supply of a currency is equal to the demand for the currency.
2. The Gresham's Law applies when the exchange rate between two currencies is fixed by the government at a ratio that is different from the market exchange rate.
3. The Sri Lankan central bank fixed the exchange rate between the Sri Lankan rupee and the U.S. dollars during the recent economic crisis in Sri Lanka.

Which of the statements given above is/are correct?

- A. 1 only
- B. 1 and 2 only
- C. 2 and 3 only
- D. 1, 2 and 3

90. Consider the following statements regarding the Global Biofuel Alliance:

1. It is an initiative launched by Brazil after taking the G20 Chair.
2. It acts as a central repository of knowledge and an expert hub.
3. It intends to expedite the global uptake of biofuels through facilitating technology.

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

- A. Only one
- B. Only two
- C. All three
- D. None

91. With reference to PM SHRI Scheme, consider the following statements:

1. It will provide high-quality education exclusively to female students in an equitable manner.
2. It will incorporate environment-friendly aspects like nutrition gardens with natural farming.
3. It will be implemented through the existing administrative structure available for Samagra Shiksha.

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

- A. Only one
- B. Only two
- C. All three
- D. None

92. Consider the following statements:

1. The African Continental Free Trade Area is the world's largest new free trade area since the establishment of the World Trade Organization.
2. The African Union is an intergovernmental organization aimed to bring African nations together and particularly liberate the colonized countries on the continent.

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

93. Consider the following:

It is a country in North Africa. It is bordered by the two countries of Western Sahara to the south and Algeria to the east. It has coastlines on the Atlantic Ocean to the west and the Mediterranean Sea to the north. It is-

- A. Mauritania
- B. Tunisia
- C. Morocco
- D. Egypt

94. With reference to Konark Sun Temple, consider the following statements:

1. It is the culmination of Kalingan temple architecture located on the eastern shores of the Indian subcontinent.
2. Its architectural realisation is associated with living traditions of Brahmanism and tantric practices.
3. Unlike other Indian temples, this temple does not comprise any distinct or well-organized spatial units.
4. It is protected under the framework of the Ancient Monuments and Archaeological Sites and Remains Act, 1958.

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

- A. Only one
- B. Only two
- C. Only three
- D. All four

95. Consider the following statements:

1. Hallmarking refers to the official recording of the proportionate content of precious metal in precious metal articles.
2. The Bureau of Indian Standards is the designated authority to implement hallmarking of gold jewellery in India.
3. Currently in India, gold is the only precious metal that has been brought under the purview of Hallmarking.

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

- A. Only one
- B. Only two
- C. All three
- D. None

96. Which of the following statements is/are correct?

1. The Sendai Framework aims to substantially reduce disaster risk and losses in lives and livelihoods.
2. Implementation of the Sendai Framework does not contribute to UN-mandated Sustainable Development Goals.

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

97. The Cheriyal Scroll Paintings recently seen in the news originated in-

- A. Manipur
- B. Tamil Nadu
- C. Gujarat
- D. Telangana

98. The National Payments Corporation of India is an organization for operating retail payments and settlement systems in India and is an initiative of-

- A. The Reserve Bank of India
- B. The Indian Banks' Association
- C. Both (a) and (b)
- D. Neither (a) nor (b)

99. Consider the following statements regarding the Payment Banks:

1. They carry out those banking operations which include advancing loans.
2. They can enable transfers and remittances through a mobile phone.
3. They can provide forex cards to travellers usable again as a debit card.

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

- A. Only one
- B. Only two
- C. All three
- D. None

100. Consider the following statements:

1. The Cartagena Protocol is an international treaty governing the movements of living modified organisms resulting from modern biotechnology from one country to another.
2. The Montreaux Record is a voluntary mechanism to highlight specific wetlands of international importance under the Ramsar Convention which are facing immediate challenges.

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