



Drishti IAS Presents...

PT

SPRINT 2023

ENVIRONMENT & ECOLOGY

(March 2022 – March 2023)



Multiple
Choice
Questions

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1. Regarding the Stockholm Convention, consider the following statements:

1. It is a global treaty to protect human health and the environment from Persistent Organic Pollutants (POPs).
2. It aims to clean up old stockpiles and equipment containing Persistent Organic Pollutants (POPs).
3. India does not ratify the Stockholm Convention.

Which of the statements given above is/are correct?

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

2. Consider the following statements:

1. Meteorological Drought is based on the impact of rainfall deficits on the water supply.
2. Socioeconomic Drought refers to the impact of drought conditions on supply and demand of economic goods.

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

3. According to their number of Ramsar sites, arrange the following states in decreasing order.

1. Tamil Nadu
2. Gujarat
3. Jammu and Kashmir
4. Assam

Select the correct answer using the code given below:

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

4. Which of the following statements regarding India's Renewable Targets is/are correct?

1. To reduce India's total projected carbon emission by 1 billion tonnes by 2030.
2. Achieve net-zero carbon emissions by 2060.
3. To reduce the carbon intensity of the nation's economy by less than 45% till 2050.

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

5. With reference to Pangong Tso lake, consider the following statements:

1. It is located in the state of Uttarakhand.
2. It is the world's highest saltwater lake.
3. One-third of Pangong Lake lies in India and the other two-thirds in Nepal.

Which of the statements given above is/are correct?

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

6. Consider the following environmental factors:

1. High relative humidity
2. Huge Cloud cover
3. low temperature
4. slow winds

The phenomenon of Cloudburst induced by which of the following?

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

7. Consider the following statements with reference to the Forest Rights Act, (FRA), 2006:

1. FRA allows the community to formulate rules for use of forest produce itself.
2. These rights give the authority to the Gram Sabha to adopt local traditional practices of forest conservation.

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

8. Consider the following statements:

1. Modern wind power is considered to have been first developed in the United Kingdom.
2. Onshore wind energy refers to the deployment of wind farms inside the water bodies.

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:

1. El Nino events represent periods of below-average sea surface temperatures across the east-central Equatorial Pacific.
2. La Nina is a climate pattern that describes the unusual warming of surface waters in the eastern tropical Pacific Ocean.
3. El Nino also impacts the speed and strength of ocean currents.

Which of the statements given above is/are correct?

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

10. Consider the following statements about 'UNFCCC':

1. The UNFCCC came into existence at the United Nations Conference on Environment and Development in 1992.
2. Subsidiary Body for Scientific and Technological Advice (SBSTA) was established by the virtue of 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

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

1. The IUCN has designated the status of Black Rhino as Critically Endangered.
2. The habitat of Black Rhino includes Semi-Desert Savannah, Woodlands, Forests, Wetlands.

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

12. Consider the following statements regarding 'Heat Waves':

1. A heatwave is defined as a station's peak temperature reaching at least 40°C for both the Plains and the Hills.
2. India has recognized the heat wave as a natural disaster.

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

13. Which of the following National Parks are located in Odisha?

1. Nandankanan Zoological Park
2. Simlipal National Park
3. Bhitarkanika National Park
4. Debrigarh Wildlife Sanctuary

Select the correct answer using the code given below:

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

14. Consider the following statements regarding the Ocean Thermal Energy Conversion (OTEC) Plant:

1. It uses a temperature difference of at least 77°F to power a turbine to produce electricity.
2. Its system uses seawater as working fluid.
3. OTEC plants can't work at night.

Which of the above statements is/are correct?

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

15. Which of the following statements is/are correct regarding the Convention on Biological Diversity (CBD)?

1. It is a legally binding treaty.
2. It operates under the United Nations Environment Program (UNEP).

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

16. Consider the following statements regarding 'Mangrove Forest':

1. Sundarbans in West Bengal are the largest mangrove forest regions in the world.
2. Mangroves produce special roots called pneumatophores for breathing.

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 regarding Lions:

1. African lions are slightly smaller than Asiatic lions.
2. Asiatic Lion is a critically endangered species.
3. Gir National Park is the only natural habitat of Asiatic Lions.

Which of the above statements is/are correct?

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



18. Consider the following:

1. Srivilliputhur Elephant Reserve
2. Wayanad Elephant Reserve
3. Agasthyamalai Elephant Reserve
4. Anamudi Elephant Reserve

Which of elephant reserves give above is/are located in Tamil Nadu?

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

19. Consider the following statements regarding Air quality and Health in Cities Report:

1. Delhi and Bengaluru are the top two most polluted cities in terms of PM 2.5 levels.
2. No Indian city appeared among top 20 polluted cities in terms of NO₂ Levels.

Which of the following statements is/are correct?

- A. 1 only B. 2 only
C. Both 1 and 2 D. Neither 1 nor 2

20. Consider the following statements:

1. Water bodies beyond 200 nautical miles of a country's shoreline are considered as High Seas.
2. The high seas are prime territory for the discovery of potent pharmaceuticals.

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

21. With reference to the Asiatic Lion, consider the following statements:

1. The Asiatic Lion can only be found in Gir National Park.
2. The IUCN status of Asiatic Lion is Vulnerable.
3. Habitat loss is the greatest threat to the population of the Asiatic Lion.

Which of the statements given above is/are correct?

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

22. Consider the following statements regarding "Crassulacean Acid Metabolism (CAM)":

1. It's a CO₂ fixation process in plants.
2. CAM plants grow under extremely dry conditions.

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:

1. Coral reefs are formed when the freely moving larvae of corals attach themselves to hard surfaces near the coastlines.
2. The slight salt in ocean waters is harmful for the coral polyps.

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

24. Consider the following pairs:

Sustainable Development Goals (SDG)	Description
1. SDG-1	: No Poverty
2. SDG-13	: Climate Action
3. SDG-6	: Clean water and sanitation
4. SDG-17	: Partnerships for the Goals

- | | |
|-----------|------------------------------|
| 1. SDG-1 | : No Poverty |
| 2. SDG-13 | : Climate Action |
| 3. SDG-6 | : Clean water and sanitation |
| 4. SDG-17 | : Partnerships for the Goals |

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

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

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

1. 'Panchamrit' is India's initiative to combat climate change at the UNFCCC COP26 in Glasgow.
2. According to enhanced climate change targets for 2030, non-fossil fuel sources would account for half of India's installed electricity generation capacity.

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

26. Consider the following statements:

1. "Protection of Wildlife" was transferred from State to Concurrent List of Indian Constitution by the 42nd Amendment Act, 1976.
2. It is a fundamental duty of every Indian citizen to protect and improve the natural environment including forests and Wildlife.

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

27. Consider the following statements with reference to 'Blue Carbon':

1. It refers to carbon absorbed solely by Blue-Green algae only.
2. Blue Carbon is a natural climatic solution for addressing global cooling.

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

28. Consider the following statements:

1. Tiger is listed as 'Endangered' on the IUCN Red List of Threatened Species.
2. Caspian tiger, Javan tiger and Bali tiger are extinct subspecies of tigers.
3. Manas National Park is the largest tiger reserve in India.

Which of the above statements is/are correct?

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

29. Consider the following statements regarding Loktak Lake:

1. It is the largest freshwater lake in Northeast India.
2. It is not listed under Montreux record.
3. It is situated inside the Keibul Lamjao National Park.

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

30. Consider the following Pairs regarding Sustainable Development Goals (SDGs):

SDGs	Objectives
1. SDG 1	: No Poverty
2. SDG 2	: Zero Hunger
3. SDG 11	: Reduce Inequality
4. SDG 14	: Life on Land

How many pairs given above are correctly matched?

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

31. With reference to Agasthyamala Biosphere Reserve, consider the following statements:

1. It is located in the Eastern Ghats.
2. It is a unique genetic reservoir for cultivated plants, particularly cardamom, jamune, nutmeg, pepper, and plantain.
3. Shendurney and Peppara wildlife sanctuaries are a part of this reserve.

Which of the statements given above is/are correct?

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

32. Consider the following statements in context of Plastic Waste Management (PWM) rules:

1. The concept of Extended Producer Responsibility (EPR) was introduced under Plastic Waste Management rules 2016.
2. The PWM rule 2021 provided legal force to EPR for its effective implementation.

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 with reference to 'Commission for Air Quality Management (CAQM)':

1. CAQM is established under the Air (Prevention and Control of Pollution) Act, 1981.
2. Commission for Air Quality Management in National Capital Region and Adjoining Areas, Act 2021 dissolved the Environment Protection Act, 1986.

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:

1. Green Pit Vipers is a neurotoxic venomous snake.
2. Neurotoxic venom prevents blood from clotting and leads to internal bleeding.

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 about 'Sendai Framework':
1. It is related to environmental, technological and biological hazards and risks.
 2. It was endorsed by the UN General Assembly in 2015.
- 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.** Snow leopard cannot be found in which of the following?
- A. Gorumara National Park
 - B. Hemis National Park
 - C. Gangotri National Park
 - D. Great Himalayan National Park
- 37.** Consider the following statements regarding 'Monarch Butterflies':
1. They are essential pollinators and provide various ecosystem services.
 2. They breed in only the Milkweeds plant.
 3. They are found in the Indian Subcontinent only.
- Which of the statements given above is/are **not** correct?
- A. 1 and 2 only B. 2 and 3 only
C. 3 only D. 1, 2 and 3
- 38.** Consider the following statements:
1. 89% of ground water extracted is used in the irrigation sector in India.
 2. Water is on the Central list.
 3. The activities related to the regulation of groundwater development in the country are being looked after by the Central Ground Water Authority (CGWA).
- Which of the statements given above is/are correct?
- A. 1 only B. 2 only
C. 1 and 3 only D. 2 and 3 only
- 39.** Consider the following statements regarding "Ramsar Convention":
1. It is an intergovernmental environmental treaty established by UNESCO in 1971.
 2. Sundarbans in West Bengal is the largest Ramsar site in India.
 3. No other South Asian country has as many Ramsar sites as India.
- Which of the above statements is/are correct?
- A. 1 only B. 1 and 2 only
C. 1 and 3 only D. 1, 2 and 3
- 40.** Consider the following statements regarding 'Climate Financing':
1. It seeks to support mitigation and adaptation actions that will address climate change.
 2. Climate Finance supports Common but Differentiated Responsibility and Respective Capabilities.
- 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.** With reference to the Environmental Impact Assessment Notification 2006, consider the following statements:
1. It classified the developmental projects into Category A and Category B.
 2. Category A projects are appraised by the State Level Environment Impact Assessment Authority (SEIAA) and State Level Expert Appraisal Committee (SEAC).
 3. Environment Impact Assessment in India is statutorily backed by the Environment Protection Act, 1986.
- Which of the statements given above is/are correct?
- A. 1 only B. 1 and 2 only
C. 2 and 3 only D. 1 and 3 only
- 42.** Consider the following statements with reference to the forest fire incidents in India:
1. There has been a ten-fold increase in forest fires in the past two decades.
 2. Mizoram has had the highest number of forest fire incidences in the last two decades.
 3. Andhra Pradesh, Assam, and Maharashtra are the most prone to high-intensity forest fire events caused by rapid change in climate.
- Which of the statements given above is/are correct?
- A. 1 and 2 only B. 2 and 3 only
C. 1 and 3 only D. 1, 2 and 3
- 43.** Consider the following statements regarding "Wildlife (Protection) Act 1972":
1. It extends to whole of India, including Jammu and Kashmir.
 2. The Central Zoo Authority and the National Tiger Conservation Authority (NTCA) are the bodies constituted under this act.
 3. The state governments are entitled to appoint Wildlife Wardens in each district.
- Which of the above statements is/are correct?
- A. 1 and 3 only B. 1 and 2 only
C. 2 and 3 only D. 1, 2 and 3

44. Consider the following statements with reference to Red Panda:
1. It is the state animal of Sikkim.
 2. It is listed as critically endangered in the IUCN Red list.
 3. It is protected under Appendix I of CITES.
- Which of the statements above is/are correct?
- A. 1 and 2 only
 - B. 2 and 3 only
 - C. 1 and 3 only
 - D. 1, 2 and 3
45. Which of the following statements is/are correct regarding the Western Ghats?
1. Doddabetta Peak is the highest peak of the Western Ghats.
 2. The mountains of the Western Ghats are Block Mountains.
 3. It is recognized as a UNESCO World Heritage Site.
- Choose the correct statement using the codes given below:
- A. 1, 2 and 3
 - B. 1 and 2 only
 - C. 2 and 3 only
 - D. 1 and 3 only
46. Which one of the following best describes 'Chekurinji'?
- A. It's a fish species of Periyar Wildlife Sanctuary.
 - B. It's a plant species endemic to the Agastyamala Biosphere reserve.
 - C. It's a recently discovered ancient Human Species.
 - D. It's a species of insect native to East Africa.
47. With reference to the Environment (Protection) Act, 1986, consider the following statements:
1. It was enacted under Article 253 of the Indian Constitution.
 2. Central government as per the Act has the power to direct the closure, prohibition or regulation of any industry, operation or process.
 3. Non-compliance or Contravention to any of the provisions of the Act is considered as an offence.
- Which of the statements given above is/are correct?
- A. 1 and 2 only
 - B. 2 and 3 only
 - C. 1 and 3 only
 - D. 1, 2 and 3
48. With reference to Coalition for Disaster Resilient Infrastructure, consider the following statements:
1. It was launched at the United Nations Climate Action Summit in New York.
 2. It is the Government of India's first major global initiative related to climate change and disaster resilience issues.
 3. Asian Development Bank (ADB), World Bank Group and United Nations Development Programme (UNDP) are its members.
- Which of the statements given above is/are correct?
- A. 1 and 2 only
 - B. 2 and 3 only
 - C. 1 and 3 only
 - D. 1, 2 and 3
49. With reference to Snow Leopard, consider the following statements:
1. They are sometimes referred to as "Ghosts of Mountain".
 2. Their International Union for Conservation of Nature's (IUCN) Red List status is Near Threatened.
 3. In India, they are found only in Ladakh, Himachal Pradesh and Uttarakhand.
- Which of the statements given above is/are correct?
- A. 2 only
 - B. 3 only
 - C. 1 and 2 only
 - D. 2 and 3 only
50. Which of the following objectives is **not** a part of the Ude Desh Ka Aam Naagrik (UDAN) scheme?
- A. To make international connectivity affordable.
 - B. Creating employment opportunities in the aviation sector.
 - C. Encouraging private investment in the aviation sector.
 - D. It will help in promoting economic activity in underdeveloped regions.
51. Consider the following statements regarding "Particulate Matter (PM)":
1. Particulate Matter is also called as Particle Pollution.
 2. Particulate Matter is the result of complex reactions of chemicals only.
- 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



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

1. Nagarjunasagar Srisaillam Tiger Reserve (NSTR) is situated on the Pachamalai Hills.
2. The Krishna River passes through Nagarjunasagar Srisaillam Tiger Reserve.

Select the correct answer using the code given below:

- A. 1 only B. 2 only
C. Both 1 and 2 D. Neither 1 nor 2

53. Consider the following statements regarding the Western Ghats:

1. These ghats are also known as the Sahyadri Hills.
2. It is one of four global biodiversity hotspots in India.
3. The Nilgiri Biosphere Reserve forms the largest contiguous protected area in the Western Ghats.

Which of the statements given above is/are correct?

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

54. Consider the following statements regarding 'Dredging':

1. Dredging is the process of accumulation of sediments in the bottom of the water bodies.
2. The dredging process is subject to the provisions of the Environmental Impact Assessment (EIA) Notification, 1994.

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. Which of the following statements is/are correct?

1. Environmental Impact Assessment (EIA) is mandatory for the developmental projects under the Environmental Protection Act 1986.
2. Public Hearing is a mandatory process before conducting EIA at site of the developmental projects.

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

56. Consider the following statements about Indian Star Tortoise:

1. They are found in only in India and Sri-Lanka.
2. The IUCN status of the tortoise is Vulnerable.

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. With reference to Binturong, sometimes seen in the news, consider the following statements:

1. It is the State bird of Nagaland.
2. It is a catlike omnivore of the civet family found in dense forests of Southeast Asia.
3. Presently, it is listed as critically endangered in the IUCN Red List.

Which of the statements given above is/are correct?

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

58. Consider the following statements regarding 'Asian Waterbird Census':

1. It is a citizen-science programme supporting the conservation and management of wetlands.
2. In India, AWC is coordinated by the Ministry of Environment, Forest and Climate Change (MoEFCC).

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

59. Consider the following statements regarding 'India Cooling Action Plan (ICAP)':

1. ICAP intended to reduce ozone-depleting substances in line with the Montreal Protocol.
2. This plan is encouraging Sulphur based fuel to reduce global warming by inducing global cooling.

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

60. Consider the following statements:

1. Hornbills are found in tropical and subtropical Africa and Asia.
2. Hornbills are the cultural symbols of the Meitei community of Manipur.
3. Hornbills are poached for the medicinal value of their body parts.

Which of the statements given above is/are correct?

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

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

1. IUCN status of whale shark is Endangered.
2. The Ocean: Life and Livelihoods, is the theme of International Whale Shark Day 2022.

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



- 62.** What is the primary objective of the National Clean Air Programme (NCAP)?
- To frame a national framework for air quality management with a time-bound reduction target.
 - To achieve a 20-30% reduction in only PM 2.5 concentrations.
- 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.** Soul of Steel' challenge, recently in the news, is related to expeditions in which of the following national parks?
- A. Bandhavgarh National Park
B. Kaziranga National Park
C. Nagarhole National Park
D. Nanda Devi National Park
- 64.** Consider the following statements with respect to 'Cloud Seeding':
- The silver iodide acts as a condensation nucleus to aid in the Cloud Seeding.
 - Cloud seeding is used as a method for enhancing winter snowfall.
- 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
- 65.** The term Virovore is sometimes mentioned in News. Which of the following correctly define the given term:
- A. An organism that eats viruses.
B. A carcinogenic pesticide banned by UN FPO.
C. A neurogenic disorder that affecting Russian and Ukrainian soldiers.
D. None of the above
- 66.** Consider the following statements:
- Dugong is the only existing species of herbivorous mammal that lives exclusively in the sea.
 - In India, dugongs are found only in the Gulf of Mannar.
 - Dugongs are listed as critically endangered in the IUCN Red List.
- Which of the statements given above is/are not correct?
- A. 1 and 2 only
B. 2 and 3 only
C. 1 only
D. 1, 2 and 3
- 67.** According to the IUCN Red List, Asian elephants are classified as?
- A. Endangered
B. Critically Endangered
C. Extinct in the Wild
D. Vulnerable
- 68.** Phytorid technology, recently in the news, is related to which of the following?
- A. Wastewater treatment
B. Machine Learning
C. DNA fingerprinting
D. Stubble burning
- 69.** Which of the following statements about the Paris Climate Agreement is **not** true?
- A. It is a legally binding treaty that requires countries to take specific actions to reduce their greenhouse gas emissions.
B. It aims to limit global warming to well below 2 degrees Celsius above pre-industrial levels.
C. It requires developed countries to provide financial assistance to developing countries to help them transition to low-carbon economies.
D. It allows countries to set their own targets for reducing greenhouse gas emissions.
- 70.** Consider the following statements regarding 'Wayanad Wildlife Sanctuary':
- It shares its borders with the other protected areas of Mudumalai Tiger Reserve in the North-East side.
 - Kabini river which is a tributary of Cauvery River flows through the sanctuary.
- 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
- 71.** Consider the following statements:
- Kigali Amendment to the Montreal Protocol aims to stop the production of substances causing ozone-depletion.
 - India is a signatory to the Gothenburg Protocol (1999) which aims to reduce ground level Ozone.
- 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



72. With respect to the Coastal Red Sand Dunes, consider the following statements:

1. These are also known as 'Erra Matti Dibbalu'.
2. It was declared a geo-heritage site by the Geological Survey of India (GSI).
3. They do not occur in equatorial regions.

Which of the statements above is/are correct?

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

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

1. Photochemical smog is formed by the reaction of nitrogen oxides (NO_x) and volatile organic compounds (VOCs) in the absence of sunlight.
2. Ground level ozone is the primary constituent of the smog.

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

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

1. Shendurney Wildlife Sanctuary is a protected area located in the Eastern Ghats of India.
2. The sanctuary is also a part of the proposed Agasthyamala Biosphere Reserve.

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

75. Which of the following statements regarding Indian Skimmers is/are correct?

1. They are also known as Indian scissors bill.
2. They are more widespread in summer.
3. They are found mainly in eastern and western India.
4. Their IUCN status is vulnerable.

Select the correct answer using the code given below:

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

76. Consider the following statements:

1. World Wildlife Day is celebrated every year on the 3rd of March.
2. Recovering key species for ecosystem restoration was the theme for World Wildlife Day 2022.

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

77. Consider the following statements:

1. The Great Barrier Reef makes up about 10% of the world's coral reef ecosystems.
2. This reef structure is built by billions of tiny organisms, known as coral polyps.
3. The corals and algae have a symbiotic relationship.

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

78. The Kaziranga National Park in the state of Assam is the single largest undisturbed and representative area in the Brahmaputra Valley floodplain. It has been declared as a:

1. Tiger Reserve
2. UNESCO World Heritage Site
3. Important Bird Area (as per BirdLife International)
4. Ramsar Site

Select the correct answer using the code given below:

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

79. Consider the following statements regarding Cheetah:

1. African Cheetah is Critically Endangered but Asiatic Cheetah is Vulnerable in IUCN Red list.
2. Namibia has the world's largest population of cheetahs.

Which of the statements given above is/are correct?

- A. 1 only
B. 2 only
C. Both 1 and 2
D. Neither 1 nor 2

80. Consider the following pairs:

National Park	State/UT
1. Hemis National Park	: Ladakh
2. South Button Island National Park	: Goa
3. Mollem National Park	: Assam
4. Valmiki National Park	: Bihar

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

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

81. Consider the following statements:

1. It is a region of warm temperatures year-round and with its highest seasonal rainfall in the summer.
2. It is characterized by grasses and small or dispersed trees that do not form a closed canopy, allowing sunlight to reach the ground.
3. It is found in Africa, South America, Australia, India, Myanmar, Thailand and Madagascar.

Which of the following ecosystems is described in the above mentioned statements?

- A. Taiga B. Tundra
C. Savannah D. Tropical rain forests

82. With respect to the *Meizotropis pellita*, consider the following statements:

1. It is commonly known as Patwa.
2. The species is listed as endangered in the IUCN red list.

Which of the statements given above is/are correct?

- A. 1 only B. 2 only
C. Both 1 and 2 D. Neither 1 nor 2

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

1. Lion-tailed Macaque is classified as Critically Endangered under the IUCN Red List.
2. The lion-tailed macaque is endemic to the evergreen forests of the Western Ghats.

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

84. Consider the following statements regarding 'Great Indian Bustards (GIB)':

1. The Great Indian Bustard is listed in Schedule I of the Indian Wildlife (Protection) Act, 1972.
2. GIB is found in grasslands of Kutch in Gujarat.

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

85. Consider the following statements:

1. Flood Plain Zoning has been recognized as an effective structural measure for flood management.
2. The basic concept of flood plain zoning is to regulate land use in the flood plains to restrict the damage caused by floods.

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

86. With reference to the World Heritage Sites, consider the following statements:

1. It refers to any of the various areas or objects inscribed on UNESCO's World Heritage List.
2. The list comprises cultural heritage sites only.
3. Recently, Vadnagar, a city in Gujrat, has been added to the tentative list of world heritage sites.

Which of the statements given above is/are correct?

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

87. Consider the following statements about Skyglow:

1. It is the brightening of the night sky caused by artificial lighting, primarily from streetlights, buildings, and advertising billboards.
2. It is one of the components of light pollution.

Which of the following statements given above is/are correct?

- A. 1 only B. 2 only
C. Both 1 and 2 D. Neither 1 nor 2

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

1. According to the IUCN Red List of Threatened Species, the cheetah (*Acinonyx jubatus*) is considered Critically Endangered.
2. The cheetah (*Acinonyx jubatus*), the world's fastest cat, has been included in CITES Appendix I.

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

89. Which among the following are called Rainforests of the Ocean?

- A. Zooplanktons B. Corals
C. Phytoplankton's D. Algae

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

1. An area is considered as forest cover if it has a tree canopy density of more than 10% and a minimum area of 1 hectare.
2. LiDAR (Light Detection and Ranging) is used in forest canopy density by measuring the height of trees.

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



91. Consider the following statements about Kelp Forests:

1. They are underwater ecosystems formed in deep water by the dense growth of several different species.
2. They thrive in cold, nutrient-rich waters.

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

92. Consider the following statements about Noble's Helen butterfly:

1. They are found only in Myanmar, Thailand and Vietnam.
2. It was recorded for the first time in India in Kerala.

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 statements regarding 'Mudumalai Tiger Reserve (MTR)':

1. *Senna spectabilis* is a native species of Mudumalai Tiger Reserve.
2. Mudumalai Tiger Reserve (MTR) is located at the tri-junction of three states Karnataka, Kerala and Tamil Nadu.

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

94. Consider the following statements about Water Hyacinth:

1. It is a fast-growing aquatic plant that can quickly take over bodies of water.
2. It is native to Australia and has naturalised itself in many other parts of 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

95. Consider the following statements regarding Saltwater crocodiles:

1. The IUCN status of Saltwater crocodiles is vulnerable.
2. They are found in India, Vietnam and southern China.
3. It is one of the three crocodiles native to the Indian Subcontinent.

Which of the following statements given above is/are correct?

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

96. With reference to Deepor Beel Wetland, consider the following statements:

1. It is one of the largest Saltwater lakes in Assam.
2. It has been designated as Ramsar Site.

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

97. Consider the following statements regarding Blackbucks:

1. It has been declared as the State Animal of Rajasthan.
2. The IUCN status of blackbuck is "least concern".

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

98. With reference to the causation of Heat Dome, consider the following question:

1. A heat Dome occurs when heat waves begin that is when low pressure in the atmosphere moves in and pushes warm air toward the ground.
2. Climate change has increased the occurrence of heat domes.

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

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

1. Emission reduction turns into tradable assets through the carbon market.
2. Carbon credits are based on the "cap-and-trade" model.

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

100. Consider the following statements:

1. All the five species of rhinos are found in Asia.
2. The IUCN status of black rhinos is critically endangered.
3. The Great One-Horned Rhino is also known as Indian Rhino.

Which of the statements above is/are correct?

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

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

1. Climate Forcing Pathway is a set of policies, technologies, and behaviors aimed at reducing greenhouse gas emissions and mitigating the impacts of climate change.
2. Predictive Climate Modeling is based on Artificial Neural Network (ANN) inspired by the structure and function of the human brain.

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

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

1. Coronal Holes are regions on the sun's surface from where fast solar wind gushes out into space.
2. Coronal Holes once formed, cannot be removed from the space, making them a permanent formation.

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

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

1. Hydroponic systems are a type of technology used in urban farming that allow plants to be grown without soil.
2. Nutrient Film Technique (NFT) is a type of hydroponic system.

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

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

1. Magnetic particles can interfere with the migratory patterns of birds by disrupting their magnetic navigation system.
2. Magnetic nanoparticles can enter into brain of human beings and generate free radicals.

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

105. Consider the following statements regarding "Indian Rhinoceroses":

1. It is the only species of rhino which is found in India.
2. It is the largest of all the rhino species.

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

106. With reference to Amur Falcons, consider the following statements:

1. It is the world's longest-travelling raptor.
2. It gets its name from the Amur River which forms the border between Russia and China.
3. Its International Union for Conservation of Nature (IUCN) red list status is least concern.
4. It is protected under Schedule IV of the Indian Wildlife Protection Act 1972.

Which of the statements given above is/are correct?

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

107. Consider the following statements:

1. World Wetlands Day (WWD) is celebrated every year on 2nd February.
2. The 2023 theme for World Wetlands Day is 'Wetland Restoration'.
3. India has the largest network of Ramsar Sites in Asia.

Which of the statements given above is/are correct?

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



108. Consider the following statements regarding 'Keoladeo National Park':

1. Phumid is a special feature found only in the Keoladeo National Park.
2. The national park is an important wintering ground of Palaearctic migratory waterfowl.

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

109. With reference to E-20 fuel, consider the following statements:

1. It is a blend of 20% ethanol with diesel.
2. It can reduce the vehicle's performance.

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

110. Consider the following statements about 'Black Soldier Fly':

1. It belongs to Stratiomyidae family that is commonly found in many parts of the world.
2. They have high waste-to-biomass conversion efficiency.

Which of the statements given below is/are correct?

- A. 1 only B. 2 only
C. Both 1 and 2 D. Neither 1 nor 2

111. Consider the following statements:

1. Omorgus Khandesh beetle is known as a keratin beetle and is classified as necrophagous.
2. The arthropods which feed directly on dead remains are called necrophagous.

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

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

1. Lead is added to gasoline to increase its octane rating, which is a measure of the fuel's ability to resist "knocking" or detonation in an engine.
2. Gasoline, which is a mixture of hydrocarbons, such as alkanes, cycloalkanes, and aromatic compounds, also acts as a source of lead pollution.

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

113. Which of the following about Pangolins is **not** correct?

- A. They play a vital role in aerating and adding moisture to the soil.
- B. All pangolin species are listed in Convention on International Trade in Endangered Species (CITES) Appendix I.
- C. Pangolins are among the most trafficked wild mammals, globally, traded mostly in Europe.
- D. They are adaptable to a wide range of habitats including primary and secondary tropical forests.

114. With reference to Rhododendron, consider the following statements:

1. Rhododendron is a genus of flowering plants found only in south Asia.
2. They contain dark-coloured flowers and are prevalent in ornamental plants in gardens and parks.
3. Rhododendron arboretum is the state flower of Nagaland.

Which of the statements given above is/are correct?

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

115. Consider the following statements about BBNJ Treaty:

1. It is an international agreement on the conservation and sustainable use of marine biological diversity of areas beyond national jurisdiction.
2. It is being developed within the framework of the UNCLOS.
3. It was launched at the UN Biodiversity Conference.

Which of the statements given above is/are correct?

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

116. Consider the following statements:

1. The National Mission for Clean Ganga (NMCG) is listed under the Societies Registration Act, 1860.
2. The National Ganga Council which implements NMCG is chaired by the Union Minister of Jal Shakti.

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

117. Which of the following statements about Dickinsonia is true?

- A. It is a type of dinosaur that lived during the Jurassic period.
- B. It is a species of flowering plant that existed during the Cretaceous period.
- C. It is an extinct animal that lived during the Ediacaran period.
- D. It is a type of marine invertebrate that existed during the Cambrian period.

118. Which of the following statements about Hummingbird is/are correct?

- 1. It is native to American continent.
- 2. India's Sunbirds can be likened to these birds.
- 3. Aztecs referred to them as Huitzilin or 'A ray of sun'.

Select the correct answer using the code given:

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

119. With reference to the Olive ridley, consider the following statement:

- 1. They are the smallest and most abundant of all sea turtles found in the world.
- 2. They are best known for their unique mass nesting called Arribada.
- 3. They are found in warm waters of the Pacific, Atlantic and Indian oceans.

Which of the statements given above is/are correct?

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

120. Consider the following statements:

- 1. It is a non-renewable fuel obtained by purifying Coal gas.
- 2. It is a cleaner alternative to fuels such as petrol and diesel.

Which of the statements above is/are correct regarding BioCNG?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

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

- 1. According to the provisional State of the Global Climate report 2022, CO₂ and CH₄ concentrations are growing while NO₂ concentrations are decreasing.
- 2. Countries committed to reduce global methane emissions by at least 30% by 2030 at the Glasgow climate change summit.

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

122. Consider the following statements regarding 'Xenotransplantation':

- 1. It involves the transplantation of the tissues or organs of one human into another human.
- 2. Gene editing is used in this process to reduce the likelihood of organ rejection.

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

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

- 1. A new species of estuarine crab which is known as 'Pseudohelice Annamalai' has been discovered in the Parangipettai mangroves of Kerala.
- 2. The new species is found across the Indian Subcontinent and the western Pacific Ocean.

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

124. With reference to Carbon credit, consider the following statements:

- 1. It is a credit for greenhouse emissions reduced or removed from the atmosphere.
- 2. They are based on the "cap-and-trade" model.
- 3. One carbon credit is equal to one metric ton of carbon dioxide.

Which of the statements given above is/are correct?

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



125. Consider the following statements regarding "Particulate Matter (PM)":

1. Particulate Matter is also called as Particle Pollution.
2. Particulate Matter is the result of complex reactions of chemicals only.

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

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

1. It is not necessary for a nation to designate a wetland to be included in the List of Wetland of International Importance when it ratifies the Ramsar convention.
2. Wetlands serve as a filter for cleaning water and act like buffer against floods.

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

127. With respect to the Paris Agreement, consider the following statements:

1. It seeks to limit global warming to well below 2°C compared to pre-industry levels.
2. It works on a 5-year cycle of increasingly ambitious climate action carried out by countries.
3. Nearly all signatories to this agreement updated their climate commitments during COP26.

Which of the statements given above is/are correct?

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

128. Consider the following statements regarding "Red-Eared Slider Turtles":

1. The species is native to South-Eastern USA.
2. They can accept high levels of organic pollutants.
3. The species breeds comparatively slower than other local turtle varieties.

Which of the statements given above is/are correct?

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

129. The Operation Olivia is related to the protection of which of the following?

- A. Dolphin
B. Crocodile
C. Turtle
D. Gharial

130. Consider the following statements:

1. Shallow-water mining takes place at depths less than 200 metres.
2. It is considered a low-risk and low-cost option to extract metals and minerals.

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

131. Regarding the Asiatic caracal, consider the following statements:

1. They are found mostly in southern Indian states like Tamil Nadu etc.
2. They are abundant in India.
3. They are in the Least Concern status of the IUCN Red List.

Which of the statements given above is/are correct?

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

132. With reference to the Montreal Protocol, consider the following statements:

1. It is the only UN treaty ever that has been ratified by every country on Earth.
2. The Kigali Amendment to the protocol aims for the gradual reduction of hydrofluorocarbons (HFCs) by cutting their production and consumption.

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

133. Regarding the Ozone Layer, consider the following statements:

1. 90% of ozone occurs naturally in the Thermosphere.
2. Methyl bromide is an Ozone-Depleting Substance (ODS).

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

134. Consider the following statements:

1. The Ganges river dolphin can only live in freshwater and is essentially blind.
2. The Gangetic dolphins are a reliable indicator of the health of the entire river ecosystem.

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

135. Consider the following statements with reference to the Sloth Bears:

1. They are protected as Critically Endangered species on the IUCN Red List.
2. They are found in India, and they do not hibernate.

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

136. Consider the following statements:

1. As per Elephant Census (2017), Karnataka, Assam and Kerala are the top 3 three states of India in terms of having the highest number of elephants.
2. Both the Asian elephant as well as the African Bush elephant are listed as endangered in the IUCN Red List.

Which of the statements given above is/are correct?

- A. 1 only B. 2 only
C. Both 1 and 2 D. Neither 1 nor 2

137. With reference to the Central Pollution Control Board (CPCB), consider the following statements:

3. It is a statutory organisation.
4. It was constituted under the Water (Prevention and Control of Pollution) Act, 1974.
5. The National Ambient Air Quality Standards (NAAQs) are notified by the CPCB.

Which of the statements given above is/are correct?

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

138. Which of the following is/are correct regarding Coir Geotextile?

1. It is naturally resistant to rot, molds and moisture.
2. It is a permeable and natural fabric but not highly durable.
3. It is totally biodegradable.

Select the correct answers using the code given below:

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

139. Minam ata Convention has been recently in the news. It is related to which of the following?

- A. Access to Black Sea B. Melting of Arctic
C. Mercury pollution D. Allocation of orbit

140. Consider the following statements::

1. 20th March every year is observed as World Sparrow Day.
 2. Sparrows are only found in the Indian Sub-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

141. With reference to Africa's Boma Technique, consider the following statements:

1. It involves luring animals into an enclosure by chasing them through a funnel-like fencing.
2. It was used recently at the Keoladeo National Park in Rajasthan.

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

142. With reference to the Paris climate agreement, consider the following statements:

1. Paris climate agreement replaced the Kyoto Protocol.
2. It aims to limit global warming to well below 2.5°C compared to pre-industry levels.

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

143. Consider the following statements regarding "Methane":

1. Methane is produced by the breakdown or decay of organic material.
2. It is responsible for creating stratospheric ozone.
3. It doesn't last long in the atmosphere before it breaks down.

Which of the statements given above is/are correct?

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

144. With reference to Monkey pox, consider the following statements:

1. Monkey pox is a viral zoonotic disease.
2. It causes lymphadenopathy.

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



145. Consider the following statements regarding the Desert Fox:

1. It is the third sub-species of red fox in India.
2. Its range does not overlap with that of other red fox subspecies.
3. It is listed as endangered in the IUCN Red List.

Which of the statements given above is/are correct?

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

146. Consider the following pairs:

- | Initiative | Aim |
|-----------------------------|---|
| 1. Delhi Declaration 2019 : | Better access and stewardship over land. |
| 2. Bonn Challenge : | Efforts to fight against land degradation and revive native plant life to the landscape. |
| 3. Great Green Wall : | To bring 150 million hectares of the world's deforested and degraded land into restoration by 2020. |

Which of the pairs given above is/are correct?

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

147. Which of the following species of Vultures do not have the Critically Endangered status on the IUCN's Red List?

- A. Slender Billed Vulture B. Egyptian Vulture
C. Red- Headed Vulture D. Long- Billed Vulture

148. Consider the following statements:

1. A hypersonic missile flies at at-least five times the speed of sound.
2. The manoeuvrability of the hypersonic missile sets it apart from a ballistic missile.

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

149. The species named 'Syllipsimopodi bideni' recently seen in the news is related to?

- A. An oldest-known relative of octopus.
B. A new species of salamander.
C. A tiniest group of primates in the world.
D. A wasp species in the Andean cloud forests.

150. Consider the following statements:

1. The Gangetic dolphins are listed as endangered in the IUCN Red List.
2. The Vikramshila Ganges Dolphin Sanctuary has been established in Bihar.
3. National Ganga River Dolphin Day is celebrated on 5th October every year.

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

151. Consider the following statements:

1. Ganga was declared as the 'National River' of India in 2008.
2. Ganga Action Plan was the first River Action Plan that was taken up by the MoEFCC to improve the water quality.

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

152. With reference to Chilika lake, consider the following statements:

1. Chilika Lake is Asia's largest lagoon.
2. Irrawaddy Dolphins are endemic species.

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

153. Consider the following statements:

1. India has promised to cut its emissions to net zero by 2070.
2. India aspires to maximize the use of electric vehicles, ethanol blending to reach 20% by 2025.

Which of the statements above is/are correct?

- A. 1 only B. 2 only
C. Both 1 and 2 D. Neither 1 nor 2

154. Which of the following statements is/are correct with reference to LeadIT Initiative?

1. It was launched by India at the UN Climate Action Summit 2019.
2. It leads Non-Government Organisations (NGOs) to work together to cope with climate change.

Choose the correct answer using the codes given below:

- A. 1 only B. 2 only
C. Both 1 and 2 D. Neither 1 nor 2

- 155.** Consider the following statements regarding Red Crowned Roofed Turtle:
1. It is native to India, Bangladesh and Nepal.
 2. It is a saltwater turtle species.
- 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
- 156.** Consider the following statements regarding Central Pollution Control Board (CPCB):
1. It is a statutory organisation established under the Air (Prevention and Control of Pollution) Act, 1981.
 2. It was entrusted to promote the cleanliness of streams and wells in different areas of the States.
- 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
- 157.** With reference to National Clean Energy Fund, consider the following statements:
1. It is funded through a carbon tax on the use of coal by industries.
 2. It is governed by an Inter-Ministerial Group with the Home Secretary as the Chairman.
- 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
- 158.** With reference to the Great Knot, consider the following statements:
1. It is a migratory bird with a straight dark-brown bill and yellowish-brown legs.
 2. Its IUCN Status is Endangered.
- 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
- 159.** Consider the following statements regarding Olive Ridley Turtles:
1. These are the smallest and most abundant of all sea turtles globally.
 2. They are known for best their unique mass nesting called Arribada.
 3. They are categorized as Least Concern in IUCN Red List.
- Which of the following statements given above is/are correct?
- A. 1 and 2 only B. 2 and 3 only
C. 1 and 3 only D. 1, 2 and 3
- 160.** With reference to the Swachh Survekshan Awards, consider the following statements:
1. It is the world's largest urban sanitation and cleanliness survey.
 2. Its nodal ministry is the Ministry of Environment, Forest and Climate Change.
 3. As of 2022, Indore emerged as India's first 7-star Garbage Free city.
- Which of the statements given above is/are correct?
- A. 1 and 2 only B. 2 and 3 only
C. 1 and 3 only D. 1, 2 and 3
- 161.** Consider the following statements about 'Biomass Co-firing':
1. It is the technique of using biomass to replace a portion of the fuel in coal-fired power plants.
 2. It is well recognized as a low-cost method of decarbonizing coal operations.
- 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
- 162.** 'Palmking' has recently been in the news. It is
- A. A butterfly sighted for the first time in Tamil Nadu
B. A species of Monkey found in Silent valley of Kerala
C. A type of fish discovered in Gulf of Mannar
D. A type of coral reefs on the western margin of Malabar
- 163.** Consider the following statements regarding 'Ambition on Melting Ice (AMI)':
1. It strives to ensure that the public and political leadership are aware of the effects of stratosphere depletion on Ice Melting.
 2. India is one of the founding members of this new high-level group.
- Which of the statements given above is/are correct?
- A. 1 only B. 2 only
C. Both 1 and 2 D. Neither 1 nor 2
- 164.** With reference to Vaquita Porpoise, consider the following statements:
1. The vaquita porpoise is the world's smallest cetacean
 2. It is found only in the northern Gulf of California (Sea of Cortez) in Mexico.
- 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



- 165.** Which of the following is/are the characteristics of a Stratovolcano?
1. Tall and conical volcano
 2. Periodic and explosive eruptions
 3. Highly viscous lava
- Select the correct answer using the code given below:
- A. 1 and 2 only B. 2 only
C. 2 and 3 only D. 1, 2 and 3
- 166.** With reference to Environmental Impact Assessment (EIA), consider the following statements:
1. It is a process of evaluating the likely environmental impacts of a proposed project.
 2. It involves the common public to express their opinion.
 3. It's a constitutional process mandatory for some projects.
- Which of the statements given above is/are correct?
- A. 1 and 2 only B. 2 only
C. 3 only D. 1, 2 and 3 only
- 167.** With reference to Himalayan Yak, consider the following statements:
1. They are endemic to the Tibetan Plateau and adjacent high-altitude regions.
 2. Their International Union Conservation for Nature (IUCN) status is endangered.
 3. Recently, their population declined by 25%.
- Which of the statements given above is/are correct?
- A. 1 and 2 only
B. 2 and 3 only
C. 1 and 3 only
D. 1, 2 and 3 only
- 168.** With reference to the 'Carbon capture, utilization and storage (CCUS) Technology, consider the following statements:
1. CCUS involves the development of sorbents that can effectively bind to the CO₂ present in flue gas or in atmosphere.
 2. This can provide a wide variety of opportunities to convert the captured CO₂ to different value-added products.
- 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
- 169.** Consider the following statements with reference to the Seaweeds :
1. They are the primitive, marine flowering plants of marine ecosystems.
 2. They are found only in shallow waters and backwaters.
- 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
- 170.** Consider the following statements:
1. 22nd April is celebrated as Earth Day every year.
 2. The theme for Earth Day 2022 is "Invest In our Planet".
- Which of the above statements are correct?
- A. 1 only B. 2 only
C. Both 1 and 2 D. Neither 1 nor 2
- 171.** With reference to Vaquita Porpoise, consider the following statements:
1. The vaquita porpoise is the world's smallest cetacean.
 2. It is found only in the northern Gulf of California (Sea of Cortez) in Mexico.
- 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
- 172.** Which of the following statements is/are correct?
1. Mainstreaming Biodiversity refers to the FAO's concern of biodiversity protection through integrating it in policy formulation.
 2. The United Nations Strategic Plan for Forests set the Global Forest Goals and associated targets to be reached by 2030.
- 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
- 173.** With reference to sandalwood, consider the following statements:
1. It's International Union for Conservation of Nature (IUCN) status is near threatened.
 2. India contributes the majority of Sandalwood trade 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

174. Consider the following statements about teak:

1. It is also known as Indian oak and teka.
2. Its production covers 10% of global annual timber demand.
3. This wood species is listed in the IUCN Red List of Threatened Species as endangered.

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

175. With reference to the Mugger or Marsh Crocodiles, consider the following statements:

1. It is found in India and Pakistan only.
2. It is considered as the Earth's largest living crocodile species.
3. It is listed as vulnerable in the IUCN red list.

Which of the statements given above is/are correct?

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

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

1. It's International Union for Conservation of Nature (IUCN) status is Critically Endangered.
2. In India, its population is confined mostly to Gujarat and Rajasthan.

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

177. With reference to the Kalakkad – Mundanthurai Tiger Reserve (KMTR), consider the following statements:

1. It was declared as the first tiger reserve in Kerala.
2. It is the part of the Agasthyamala Biosphere Reserve.

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

178. Consider the following statements regarding 'Action Plan for Vulture Conservation':

1. The MoEFCC released the Action Plan for Vulture Conservation with the Drugs Controller General of India (DCGI).
2. It prevents the poisoning of the principal food of vultures, the cattle carcasses, with veterinary NSAIDs.

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

179. With reference to Horseshoe crabs, consider the following statements:

1. It is one of the oldest living creatures on the earth.
2. India has two species of horseshoe crabs, coastal horseshoe crabs and mangrove horseshoe crabs.
3. They are protected under Schedule 4 Wildlife Protection Act, 1972.

Which of the statements given above is/are correct?

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

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

4. Ocean acidification occurs when the pH of seawater decreases as a result of dissolved carbon dioxide.
5. Ocean acidification makes it difficult for many marine organisms to build and maintain their shells and skeletons.

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

181. With reference to the Kalakkad – Mundanthurai Tiger Reserve (KMTR), consider the following statements:

1. It was declared as the first tiger reserve in Kerala.
2. It is the part of the Agasthyamala Biosphere Reserve.

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

182. Consider the following statements regarding 'Action Plan for Vulture Conservation':

1. The MoEFCC released the Action Plan for Vulture Conservation with the Drugs Controller General of India (DCGI).
2. It prevents the poisoning of the principal food of vultures, the cattle carcasses, with veterinary NSAIDs.

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

183. Consider the following statements:

1. Corals lose their vibrant colors and turn white due to the loss of their symbiotic bryophytes.
2. The mosses commonly associated with corals in symbiotic relations are zooxanthellae.

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



184. Consider the following statements:

1. Biogas is a renewable fuel produced using the anaerobic digestion process from organic feedstock.
2. It is primarily composed of methane, carbon dioxide, hydrogen sulfide and a tiny fraction of moisture.

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

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

1. Notre Dame Global Adaptation Initiative is part of the Climate Change Adaptation Program.
2. A combination of hazard exposure, impact sensitivity, and adaptation capability can be used to characterize climate risk.

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

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

1. According to the 2022 Forest Declaration Assessment, global deforestation rates have increased.
2. Brazil was the world's largest contributor to deforestation in 2021 according to the 2022 Forest Declaration Assessment.

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

187. Which one of the following best describes Beach Environment & Aesthetics Management Services (BEAMS)?

1. It aims to abate pollution in coastal waters and promotes the sustainable development of beach facilities.
2. It is awarded by a non-profit organization called the Foundation for Environmental Education (FEE).

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

188. Consider the following statements regarding "Corbett National Park":

1. It was the first national park of India.
2. It falls in the Shivalik and Outer Himalaya geological provinces.
3. Sonanadi river flows through the Corbett National Park.

Which of the statements given above is/are correct?

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

189. Consider the following statements regarding Hydrogen:

1. Brown hydrogen is produced from natural gas where the associated emissions are released into the air.
2. Green hydrogen is produced from natural gas, where the emissions are captured using carbon capture and storage.

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

190. Regarding the Convention on Migratory Species (CMS), consider the following statements:

1. It is an international agreement that aims to conserve migratory species throughout their ranges.
2. It was signed in 1979 in Bonn, West Germany and entered into force in 1983.
3. India hosted the CMS CoP-13 (in 2020) at Gandhi Nagar, Gujarat.
4. The Indian sub-continent is also part of the major bird flyway network.

Which of the statements given above is/are correct?

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

191. Consider the following statements regarding "National Tiger Conservation Authority"?

1. The "Action Plan for Introduction of Cheetah in India" was released by the Ministry of Environment, Forest and Climate Change (MoEFCC).
2. It has decided to bring 50 African Cheetah from Namibia within the next 5 years.

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

192. With reference to the Sustainable Cities Integrated Approach Pilot (SCIAP) Project, consider the following statements:

1. The Urban Sustainability Assessment Framework (USAF) developed under the Sustainable Cities Integrated Approach Pilot (SCIAP) project,
2. It is being funded through Global Environment Facility (GEF-6).

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

193. With reference to the Painted Leopard Gecko, consider the following statements:

1. It is provided with critically endangered status in the IUCN Red list.
2. In India, the Painted Leopard Gecko is common to Andhra Pradesh and Odisha.

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

194. Consider the following statements with reference to Kanger Ghati National Park:

1. It is situated in the state of Chhattisgarh.
2. Chhattisgarh has become First state in the country to recognise Community Forest Resource (CFR) rights of a village inside the Kanger Ghati National Park.
3. It mainly consists of natural vegetation of scrub and thorn trees.

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

- A. 1 and 2 only
- B. 2 and 3 only
- C. 1 and 3 only
- D. All the statements are incorrect.

195. Consider the following statements regarding the "Eco-Sensitive Zones (ESZs)"?

1. ESZs are defined as areas within 10 km of national parks and wildlife sanctuaries.
2. These are prescribed under the Wildlife (Protection) Act, 1972.

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

196. Consider the following statements:

1. Species which have been classified as vermin are placed in schedule V of the Wildlife Protection Act, 1972.
 2. The Wildlife Protection Act, 1972 defines the word vermin.
 3. Common crows, fruit bats, rats and mice are vermin.
- Which of the statements given above is/are correct?

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

197. Consider the following statements regarding Biomass Co-Firing:

1. The Union Ministry of Power has mandated 5-10% co-firing at every thermal power plant in the country.
2. India has sufficient agricultural residue and pellet manufacturing capacity for its Biomass Co-Firing need.
3. Only pellets with up to 14% of moisture can be used for combustion along with coal.

Which of the statements given above are correct?

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

198. With reference to dragonflies, consider the following statements:

1. It is mostly found near freshwater habitats throughout most of the world.
2. Most species of dragonflies live in the tropics and particularly in the rainforests.
3. They feed on insects that are vectors to life-threatening diseases like Malaria and Dengue.

Which of the statements given above is/are correct?

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

199. Consider the following pairs:

Match 1

1. Conference of Parties (CoP) 26 - Climate change
2. Cartagena Protocol - Biosafety
3. Nagoya Protocol - Genetic Resources

Match 2

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

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



200. Consider the following statements:

1. With the establishment of the National Green Tribunal (NGT), India became the first developing country to set up a specialised environmental tribunal.
2. NGT is an open court, and its proceedings can be attended in person only.

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

201. Which of the following statements is/are correct regarding India's commitment at COP 26?

1. Increasing its non-fossil capacity to 500 gigawatts by 2030.
2. Achieving the net-zero emissions target by 2070.
3. Meeting 50% of its energy needs from renewable sources by 2030.

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

202. Which of the following statements is/are correct regarding the Convention on Biological Diversity (CBD)?

1. It is a non-binding treaty to conserve biodiversity that has been in force since 1993.
2. It operates under the United Nations Environment Programme.

Choose the correct answer using the codes given below:

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

203. With the reference to Theri Desert, consider the following statements:

1. It is situated in the state of Andhra Pradesh.
2. It consists of red sand dunes.

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

204. Which of the following statements is/are correct regarding plastic waste?

1. Extended Producer Responsibility has been given legal force through Plastic Waste Management Amendment Rules, 2021.
2. Different types of plastic including PET (Polyethylene Terephthalate), used to make soft drink bottles and clothing are found in Antarctica's Ross ice shelf.
3. Biological oxygen demand (BOD) of water indicates plastic pollution of the water body.

Which of the statements given above is/are correct?

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

205. Regarding the "Environment Performance Index (EPI)" consider the following statements:

1. It's a biennial index published by the World Economic Forum.
2. Denmark has topped the 2022 rankings for EPI 2022.
3. India has witnessed a decline in its environmental performance index as compared to its performance in EPI 2020.

Which of the statements given above is/are correct?

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

206. Consider the following statements regarding "United Nations Climate Change Conference (CoP26)"?

1. The Glasgow Climate Pact was signed to reduce non-carbon dioxide greenhouse gas emissions, including methane.
2. India signed up for the Global Methane Pledge.

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

207. Which of the following methods are used to convert Biomass into energy:

1. Gasification
2. Pyrolysis
3. Combustion
4. Bioventing
5. Biosparging

Choose the correct answer using the codes given below:

- A. 1, 3, 4, and 5 only
- B. 2, 3, 4, and 5 only
- C. 1, 2, 3, 4, and 5
- D. 1, 2 and 3 only

