

NEXT IAS

Test Paper: 4
Ecology and Environment:

Analysed and prepared by
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1. Which of the following statements are correct about UNFCCC's COP25?

1. It was held in Santiago, Chile
2. Chile's Minister for Environment was its President
3. It was held in Madrid, Spain
4. Spain's Minister for Environment was its President

Select the correct Code:

- (a) 1 and 2 Only
- (b) 3 and 4 Only
- (c) 2 and 3 Only
- (d) 1 and 4 Only

2. Which of the following statements is/are correct relating to International Carbon Market or Global Carbon Market?

1. Its provision was first made in COP24 Katowice, Poland
2. It is to replace Clean Development Mechanism (CDM) established under 1997 Kyoto Protocol

Select the correct Code:

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

3. Which of the following statements is/are correct about UNFCCC's COPs - Conference of Parties?

1. Parties refers to the countries that have ratified the United Nations Framework Convention on Climate Change (UNFCCC)
2. First COP - COP1 took place in New York, USA
3. COP26 will take place in Stockholm, Sweden

Select the correct Code:

- (a) 1 Only
- (b) 1 and 2 Only
- (c) 1 and 3 Only
- (d) None of these

4. Which of the following statements is/are correct about Convention on Wetlands?

1. First obligation under the Convention is for Party to designate at least five wetlands at the time of accession for inclusion in the List of Wetlands of International Importance
2. Ramsar Convention is a Regulatory Regime and has punitive powers for its violations

Select the correct Code:

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

5. Nagoya Convention is on what amongst the following?

- (a) Genetic Resources
- (b) Marine Pollution
- (c) Air Pollution
- (d) None of these

6. Which of the following themes of the World Environment Day is/are correctly matched?

1. World Environment Day 2020: Think, Eat and Save
2. World Environment Day 2019: Raise Your Voice not Sea Level
3. World Environment Day 2018: Go wild for life

Select the correct Code:

- (a) 1 and 3 Only
- (b) 2 and 3 Only
- (c) 3 Only
- (d) None of these

7. Due to more melting of Arctic Sea-Ice taking place leads to which of the following consequences having implications on global warming?

1. As the Arctic Sea-Ice melts, the surface changes from being a bright reflective white to a darker blue or green.
2. As comparison to bright reflective white a darker blue or green leads to more absorbing of Sun's rays.

Select the correct Code:

- (a) 1 Only

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

8. Which of the following statements is/are true about Kyoto Protocol?

1. It was adopted in 1997, while it came into force in 2005
2. It brought only voluntary compliance in matters of reduction of greenhouse gas emissions for developed countries as well as developing countries

Select the correct Code:

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

9. Which of the following statements is/are correct relating to Kyoto Protocol?

1. USA has signed Kyoto Protocol as well as has ratified it
2. Afghanistan has neither signed Kyoto Protocol nor ratified it

Select the correct Code:

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

10. Which of the following consequences are correct on Indian Tropical Cyclones as a result of Global Warming and Climate change?

1. Intensity and frequency of these cyclones has increased
2. Now frequency and intensity of these cyclones in Arabian Sea is much higher than in Bay of Bengal

Select the correct Code:

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

11. Which of the following statements is/are correct relating to 'Bubble' (Carbon Bubble) in matters of reduction

in greenhouse gas emissions under Kyoto Protocol?

1. Essentially same individual targets of the member countries as well as overall target of the group
2. There can be different individual targets for the member countries but combined group should meet overall target
3. The 'Bubble' mechanism is used by the European Union (EU) for meeting its common target under Kyoto Protocol

Select the correct Code:

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

12. Which of the following statements is/are correct on Adaptation Fund relating to Kyoto Protocol?

1. The Fund was established in the year 2005
2. Purpose of the Fund is to finance related projects and programmes in developing countries that are parties to the Kyoto Protocol.
3. 70 percent if its Board is represented by members from developing countries.

Select the correct Code:

- (a) 1 Only
- (b) 2 and 3 Only
- (c) 1, 2 and 3
- (d) None of these

13. Which of the following statements is/are correct about Convention on Wetlands?

1. It is also called Ramsar Convention
2. It entered into force in the year 1975
3. United Nations Environment Programme (UNEP) serves as Depository for the Convention

Select the correct Code:

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

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14. Use of which of the following fuels leads to no carbon-based emissions?

1. H-CNG
2. Hydrogen

Select the correct Code:

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

15. Which of the following is/are the advantages of Biofuel?

1. Increased income to farmers
2. Greener environment
3. New avenues for rural employment

Select the correct Code:

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

16. Which of the following statements is/are correct about National Policy on Biofuel?

1. It was unveiled by the Government of India in February 2019
2. First State to implement it is Maharashtra

Select the correct Code:

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

17. Sources of which of the following biofuels is/are correctly matched from which they are made?

1. Bioethanol: Sugar containing material like sugarcane, sugar beet or sweet sorghum
2. Advanced Biofuels: Lignocellulosic feedstocks i.e. agricultural and forestry residue
3. Bio-CNG: Industrial waste and plastic waste

Select the correct Code:

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

(d) 1, 2 and 3

18. Which of the following statements is/are correct relating to UNFCCC's Paris Agreement (COP21)?

1. The Warsaw International Mechanism for Loss and Damage associated with Climate Change is made subject to the authority and guidance of the Conference of Parties
2. The Conference of the Parties serving as the meeting of the Parties to the Agreement shall undertake its first global stocktake in 2025 and every four years thereafter

Select the correct Code:

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

19. If any Party withdraws from the United Nations Framework Convention on Climate Change (UNFCCC), then which of the following will be the consequence on its association with Paris Agreement?

- (a) It shall be considered as also having withdrawn from the Paris Agreement
- (b) It can still continue to be a Party/Member for the Paris Agreement
- (c) It can continue to be a Party/Member for the Paris Agreement subject to the approval of United Nations Secretary General
- (d) None of these

20. Which of the following statements is/are correct relating to the method and procedure of working of National Green Tribunal (NGT)?

1. It is bound by the Code of Civil Procedure, 1908
2. It is bound by the Indian Evidence Act, 1872
3. It has some powers of a Civil Court under Code of Civil Procedure

Select the correct Code:

- (a) 3 Only

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

21. Which of the following statements is/are correct regarding composition of National Green Tribunal (NGT)?

1. There is a provision for a full time Chairperson
2. It has not less than five but subject to maximum of ten Judicial members
3. It has not less than five but subject to maximum of ten Expert Members

Select the correct Code:

- (a) 1 Only
- (b) 2 and 3 Only
- (c) 1, 2 and 3
- (d) None of these

22. National Green Tribunal (NGT) Act, 2010 has repealed which of the following Acts?

1. The National Environment Tribunal Act, 1995
2. The National Environment Appellate Authority Act, 1997

Select the correct Code:

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

23. Which of the following statements is/are correct in the functioning of the National Biodiversity Authority as per the provisions of The Biodiversity Act, 2002?

1. It enjoys autonomy and independence like the National Green Tribunal (NGT)
2. It is bound by the directions given by the Central Government
3. In summoning and enforcing attendance, discovery and production of a document, examination of witnesses, etc it has some powers of a Civil Court under the Code of Civil Procedure, 1908

Select the correct Code:

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

24. Which of the following statements is/are correct about International Day for Biodiversity?

1. It is celebrated every year on 10th August
2. Theme of 2020 International Day for Biodiversity: Go Wild for Life

Select the correct Code:

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

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

1. If a dispute arises between the National Biodiversity Authority and a State Biodiversity Board then the concerned body may prefer an appeal to the Central Government
2. If a dispute arises between the State Biodiversity Boards, the Central Government shall refer the same to the National Green Tribunal (NGT)

Select the correct Code:

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

26. Which of the following statements is/are correct about National Biodiversity Authority (NBA)?

1. It is 'Statutory Body'
2. It is provided for in Environment (Protection) Act, 1986
3. Its headquarters are in New Delhi

Select the correct Code:

- (a) 1 Only
- (b) 1 and 2 Only
- (c) 1 and 3 Only
- (d) None of these

27. Which of the following statements is/are true relating to Sustainable

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Development Goals (SDGs) and Millennium Development Goals (MDGs)?

1. There were 7 MDGs, while there are 13 SDGs
2. There were 28 Targets in MDGs, while there are 159 Targets in SDGs
3. MDGs were more universal while SDGs focus on the developing countries

Select the correct Code:

- (a) 1 Only
- (b) 2 and 3 Only
- (c) 3 Only
- (d) None of these

28. Which of the following statements is/are correct about Indian Forest (Amendment) Act, 2017 (2017 Bill assented by the President on 5th January 2018)?

1. Bamboo is removed from the category of Tree in Forest Areas
2. Bamboo is removed from the category of Tree in Non-Forest Areas

Select the correct Code:

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

29. What is 'PARIVESH'?

- (a) Online Single Window System for Forest, Environmental and Wildlife Clearances
- (b) Platform for Online Live Classes by Government Primary Schools
- (c) System for online redressal of grievances of people relating to Railways
- (d) None of these

30. Which of the following statements is/are true about 'SAMPATTI'?

1. It stands for Sustainable Management of Pre-owned Asset through Trade Initiatives

2. It brings innovative solutions for municipal solid waste segregation, handling and treatment

Select the correct Code:

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

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

1. India was global host for World Environment Day 2018
2. Theme of World Environment Day 2018 was 'Celebrating Biodiversity'

Select the correct Code:

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

32. '2050 Vision' of Convention on Biological Diversity is phrased as which of the following?

- (a) 'Living in Harmony with Nature'
- (b) 'Connecting People to Nature'
- (c) 'One World'
- (d) None of these

33. Which of the following statements is/are correct about Barcelona Convention?

1. It was brought for the Protection of the Mediterranean Sea Against Pollution

2. It was adopted in the year 2002 and came into force in the year 2005

Select the correct Code:

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

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

1. Fruit and Shoot Borer is frequent intense problem in Brinjal

2. Bt Brinjal is legally permitted for cultivation in Bangladesh

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Select the correct Code:

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

35. Which of the following statements is/are correct about DMH-11?

1. It is GM Bt Brinjal variety
2. GEAC has approved its field studies
3. It is developed by Punjab Agricultural University (PAU)
4. Locations approved for its field trials are Punjab Agricultural University, Ludhiana and Indian Agriculture Research Institute (IARI), New Delhi

Select the correct Code:

- (a) 1 and 3 Only
- (b) 2 and 4 Only
- (c) 2, 3 and 4 Only
- (d) 1, 2, 3 and 4

36. Which of the following statement is correct?

- (a) The Cartagena Protocol on Biosafety is a supplementary agreement to the Convention on Biological Diversity (CBD)
- (b) Convention on Biological Diversity (CBD) is a supplementary protocol to The Cartagena Protocol on Biosafety
- (c) The Cartagena Protocol on Biosafety and Convention on Biological Diversity (CBD) are one and the same
- (d) There is no relationship between The Cartagena Protocol on Biosafety and Convention on Biological Diversity

37. Which of the following stand(s) true for the First Mass Extinction relating to climate changes?

1. Drastic increase in temperature
2. Much increase in oceanic water levels
3. Drop in the atmospheric and oceanic CO₂

Select the correct Code:

- (a) 1 and 2 Only
- (b) 3 Only

- (c) 2 and 3 Only
- (d) None of these

38. Which of the following stand true about C40 World Mayors Summits?

1. 2019-Theme: "Technology the Global Driving Force"
2. 2019-Venue: London, UK
3. Frequency of Summits: Once every five years

Select the correct Code:

- (a) 1 and 2 Only
- (b) 3 Only
- (c) 1, 2 and 3
- (d) None of these

39. Which of the following statements is/are correct about TRAFFIC?

1. It works in close cooperation with the Secretariat of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES)
2. Its work focuses on specific programmes of work of the Convention on Biological Diversity (CBD), and its experts normally attend official CBD meetings including Conference of the Parties (CoPs)

Select the correct Code:

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

40. Which of the following are the principal strategies of Climate and Clean Air Coalition (CCAC)?

1. Catalyse ambitious action
2. Mobilise robust support
3. Leverage finance at scale
4. Enhance science and knowledge

Select the correct Code:

- (a) 1, 2 and 3 Only
- (b) 2, 3 and 4 Only
- (c) 1, 3 and 4 Only
- (d) 1, 2, 3 and 4

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41. Global Alliance for Climate Smart Agriculture (GACSA) uses mainly three action groups on which of the following broad areas?

1. Self-Reliance
2. Knowledge
3. Investment
4. Enabling Environment

Select the correct Code:

- (a) 1, 2 and 3 Only
- (b) 2, 3 and 4 Only
- (c) 1, 3 and 4 Only
- (d) 1, 2 and 4 Only

42. Which of the following statements is/are correct about *Prosopis juliflora* ("seemai" trees)?

1. These were planted across the arid and semi-arid areas for rapidly greening otherwise barren landscape
2. These are invasive and may even lead to loss of native species of flora

Select the correct Code:

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

43. Which of the following statements is/are correct about the Environmental Information System (ENVIS)?

1. It is implemented by Ministry of Environment, Forest and Climate Change
2. It is centralised computerised network environmental database system

Select the correct Code:

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

44. Take the following three States showing an increase in the forest cover.

1. Kerala
2. Andhra Pradesh
3. Karnataka

Arrange them in in correct sequence of Top-3 Positions in descending order as per India State of Forest Report - 2019.

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

45. Take following states for forest cover in terms of percentage of total geographical area.

1. Mizoram
2. Arunachal Pradesh
3. Meghalaya
4. Manipur
5. Nagaland

Arrange the Top-5 sequenced in descending order.

Select the correct Code:

- (a) 1, 2, 3, 4 and 5
- (b) 2, 1, 5, 3 and 4
- (c) 1, 2, 5, 4 and 3
- (d) None of these

46. Principle functions of Central Pollution Control Board (CPCB) are spelt out in which if the following Act(s)?

1. Water (Prevention and Control of Pollution) Act, 1974
2. The Air (Prevention and Control of Pollution) Act, 1981

Select the correct Code:

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

47. Which of the following statements is/are correct about UrbAirIndia?

1. It is Integrated Web based GIS enabled system for Indian Urban Air Quality Management
2. Technologically it is developed by National Informatics Centre (NIC)

Select the correct Code:

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

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48. Arrange the following in the descending order based on the number of countries which are members-of or parties-to them?

1. United Nations Framework Convention on Climate Change (UNFCCC)
2. United Nations (UN)
3. Convention on Biological Diversity (CBD)

Select the correct Code:

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

49. Assertion (A): Precision Agriculture is not useful for small farms/landholdings in India.

Reason (R): Precision Agriculture makes use of GIS Data, weather data, soil information, optimising crop choice, and efficient use of pesticides-fertilisers-and-water.

Select the correct Code:

- (a) Assertion (A) and Reason (R) both are correct, and Reason (R) is the correct explanation for Assertion (A)
- (b) Assertion (A) and Reason (R) both are correct, but Reason (R) is not the correct explanation for Assertion (A)
- (c) Assertion (A) is correct, but Reason (R) is wrong
- (d) Assertion (A) is wrong, but Reason (R) is correct

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

1. Biological Oxygen on Demand (BOD) denotes the amount of oxygen required to remove waste organic matter from water in the process of decomposition by aerobic bacteria
2. Chemical Oxygen on Demand (COD) denotes the amount of oxygen required to oxidise the organic matter by use of

dichromate in an acid solution to convert it to carbon dioxide and water
Select the correct Code:

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

51. After an amendment to The Biological Diversity Act 2002 through The National Green Tribunal (NGT) Act, 2002, which of the following statements is/are correct?

1. Aggrieved persons against orders of State Biodiversity Board first will take an appeal to the National Biodiversity Authority (NBA), only then-after that can be taken to National Green Tribunal (NGT)

2. Aggrieved persons against orders of National Biodiversity Authority (NBA) can take an appeal to National Green Tribunal (NGT)

Select the correct Code:

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

Answer: (b) 2 Only

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

1. Aflatoxins are poisonous substances produced by some types of fungi.
2. They can contaminate food crops and pose serious health risk for humans and animals.

Select the correct Code:

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

53. Locust swarms and their breeding emerged as a serious problem in which of the following borders?

- (a) India - China
- (b) India - Bangladesh

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- (c) India - Pakistan
- (d) India - Bhutan

54. Which of the following is/are organophosphate pesticides and capable of killing locusts?

- 1. Dichlorvos (DDVP)
- 2. Chlorpyrifos

Select the correct Code:

- (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. 2020 Cyclone Nisarga was named out of names suggested by Maldives and it means 'Sea or Ocean'
- 2. 2020 Cyclone Amphan was named out of names suggested by Thailand and it means 'sky'

Select the correct Code:

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

56. Assertion (A): Water vapour is not a greenhouse gas.

Reason (R): It has limited lifetime as water vapour transforms into clouds and precipitation takes place.

Select the correct Code:

- (a) Assertion (A) and Reason (R) both are correct, and Reason (R) is the correct explanation for Assertion (A)
- (b) Assertion (A) and Reason (R) both are correct, but Reason (R) is not the correct explanation for Assertion (A)
- (c) Assertion (A) is correct, but Reason (R) is wrong
- (d) Assertion (A) is wrong, but Reason (R) is correct

57. Which of the following statements is/are correct about Trichoderma?

- 1. It is a type of Fungi
- 2. It can be found wherever decaying plant material is available
- 3. They can play important role in bioremediation of soil contaminated by pesticides and herbicides

Select the correct Code:

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

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

- 1. The National Green Corps is altogether a separate Central Sector Scheme and not part or component of any other Central Sector Scheme
- 2. 'Green Good Deeds' initiative also makes use of Ecoclubs for promoting such deeds by students/teachers/other-citizens.

Select the correct Code:

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

59. PAGE is a direct response to which of the following?

- (a) Barcelona Protocol
- (b) Nagoya Protocol
- (c) Rio+20 Declaration
- (d) None of these

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

- 1. Uttar Pradesh was the first State selected for First Green Revolution in India
- 2. The term Green Revolution was coined by MS Swaminathan

Select the correct Code:

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

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

1. It is one of the most-effective ways of stabilising the atmospheric concentration of greenhouse gas emissions
2. REDD+ proposed phases of implementation are: 1. Developing REDD+ mechanism, 2. Implementing REDD+ Strategy, and 3. Continued implementation in terms of low-carbon development and payments on verified emission reductions

Select the correct Code:

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

62. 'Gandhinagar (India) Declaration - 2020' is on which of the following?

- (a) Climate Agreement
- (b) Conservation of Migratory Species and Wild Animals
- (c) Genetic Resources
- (d) Checking Oceanic Pollution

63. Which of the following statements is/are correct about CMS-COP-13?

1. Hosted by India it took place in 2020 in New Delhi
2. In it India took over the Presidency of CMS-COP from South Africa for a period of two years
3. Its theme was 'Migratory Species connect the planet and together we welcome them home'

Select the correct Code:

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

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

1. India has signed 'legally--binding' MoUs with Convention on Migratory Species (CMS) on conservation and

management of Siberian Crane, Marine Turtles, Raptors and Dugongs

2. India has signed 'non-legally-binding' MoUs with CMS on conservation and management of Siberian Crane, Marine Turtles, Raptors and Dugongs

3. India is home to several migratory species of wildlife those include marine turtles, amur falcons, snow leopard, humpbacked whales and bar-headed geese

Select the correct Code:

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

65. Which of the following statements is/are correct relating to the National Action Plan on Climate Change?

1. It was for the first time brought in the year 2016

2. It has six Mission under it

Select the correct Code:

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

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

1. Great Indian Bustard (GIB) is facing habitat loss as it is a terrestrial bird

2. Great Indian Bustard (GIB) faces the problem of collision with power-lines due to its relatively poor frontal vision

Select the correct Code:

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

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

1. BASIC was founded/incepted in the year 2009

2. BASIC bloc negotiated in Copenhagen Accord

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3. Copenhagen Accord was made legally binding

Select the correct Code:

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

68. The seat of International Solar Alliance (ISA) is in India. Which of the following provision/decision primarily led to it?

- (a) Decision of United Nations Secretary General
- (b) Decision of the United Nations Environment Programme (UNEP)
- (c) Provision in the International Solar Alliance (ISA) Treaty
- (d) Decision of Secretariat of International Solar Alliance (ISA)

69. Which of the following statements is/are correct about the International Solar Alliance (ISA)?

- 1. It is the full-fledged International Treaty-based Organisation
- 2. Its Secretariat is its Apex Decision Making Body
- 3. It is headquartered in Gurugram, India

Select the correct Code:

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

70. Which of the following initiated steps or made pioneering declaration that led to Framework Agreement on the establishment of the International Solar Alliance (ISA)?

- (a) COP21 - Paris, France
- (b) COP-22 - Marrakesh, Morocco
- (c) COP-23 - Bonn, Germany
- (d) COP-24 - Katowice, Poland

71. Solar Risk Mitigation Initiative (SRMI) was launched in which of the following UNFCCC-COPs?

- (a) COP21 - Paris, France
- (b) COP-22 - Marrakesh, Morocco
- (c) COP-23 - Bonn, Germany
- (d) COP-24 - Katowice, Poland

72. Which of the following were the outcome(s) of World Earth Summit, Rio de Janeiro, 1992?

- 1. Agenda 21
- 2. Convention on Biological Diversity
- 3. Framework Convention on Climate Change

Select the correct Code:

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

73. Which of the following bodies relating to Biodiversity is/are Statutory in nature?

- 1. National Biodiversity Authority (NBA)
- 2. State Biodiversity Boards (SBBs)
- 3. Biodiversity Management Committees (BMCs)

Select the correct Code:

- (a) 1 Only
- (b) 1 and 2 Only
- (c) 1, 2 and 3
- (d) None of these

74. Which of the following statements is/are correct about Earth Overshoot Day 2020?

- 1. '2020 Earth Overshoot Day' is/was on earlier date of the year than the date for '2019 Earth Overshoot Day' that year
- 2. '2019 Earth Overshoot Day' and '2018 Earth Overshoot Day' were on the same date in corresponding years

Select the correct Code:

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

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75. Which of the following statements are correct?

1. United Nations Framework Convention on Climate Change (UNFCCC) First Conference of Parties (UNFCCC-COP1) took place in 1995, in Berlin, Germany
2. UNFCCC Secretariat was established in 1992 in Geneva, Switzerland, but was shifted in 1995 to Bonn, Germany
3. UNFCCC Secretariat maintains registry for Nationally Determined Contributions (NDCs) established under the Paris Agreement

Select the correct Code:

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

76. Unlawful and illegal cultivation of Genetically Modified (GM) Crops without due permission and approval of Government including that of GEAC can be primarily punished under which of the following Acts/Laws?

- (a) The Environment (Protection) Act, 1986
- (b) Biodiversity Act, 2002
- (c) The National Green Tribunal Act, 2010
- (d) None of these

77. Which of the following programme brought by the Government of India is a good and proper example of provision relating to Fundamental Duty of citizens to protect and improve natural environment including forests, lakes, rivers and wild-life, and to have compassion for living creatures?

1. Green Good Deeds
2. Forest Fire Alert System 3.0

Select the correct Code:

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

78. Which of the following is/are correctly put regarding provisions relating to environment and forests in the different Schedules of the Constitution?

1. Union List in Seventh Schedule: Protection of wild animals and birds
2. State List in Seventh Schedule: Forests
3. Eleventh Schedule: Social Forestry and farm forestry

Select the correct Code:

- (a) 1 and 2 Only
- (b) 3 Only
- (c) 1, 2 and 3
- (d) None of these

79. Where in the Constitution are provisions relating to 'minor forest produce' explicitly mentioned?

- (a) State List in the Seventh Schedule
- (b) Eleventh Schedule
- (c) Twelfth Schedule
- (d) None of these

80. Which of the following statements is/are correct about Indian Turtle Action Network (ITCAN)?

1. It launched KURMA App
2. It is brought by Executive Order of the Government of India in the Ministry of Environment, Forest and Climate Change

Select the correct Code:

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

81. Which of the following statements is/are correct about Swachh (Bharat) Survekshan 2020?

1. It is the world's largest cleanliness survey
2. It is completely digitised and paperless survey

Select the correct Code:

- (a) 1 Only

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

82. As per Swachh (Bharat) Survekshan (SS) 2019, in the Best Performing State Category, which are top three best performing states in descending order of sequence?

- (a) Maharashtra, Kerala, and Karnataka
- (b) Gujarat, Maharashtra, and Punjab
- (c) Chhattisgarh, Jharkhand, and Maharashtra
- (d) None of these

83. Assertion (A): As per Swachh (Bharat) Survekshan (SS) 2020, Indore is the cleanest city in India.

Reason (R): As per Swachh (Bharat) Survekshan (SS) 2020, Madhya Pradesh is the cleanest State in India.

Select the correct Code:

- (a) Assertion (A) and Reason (R) both are correct, and Reason (R) is the correct explanation for Assertion (A)
- (b) Assertion (A) and Reason (R) both are correct, but Reason (R) is not the correct explanation for Assertion (A)
- (c) Assertion (A) is correct, but Reason (R) is wrong
- (d) Assertion (A) is wrong, but Reason (R) is correct

84. Which of the following statements is/are correct about International Tiger Day?

- 1. It is celebrated on 29th June every year
- 2. Theme of 2020 International Tiger Day: 'Protect Tiger, Protect Biodiversity'

Select the correct Code:

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

85. Which of the following South Asian countries was not the participant in the Tiger-Range countries which participated in 'Saint Petersburg Tiger Summit'?

- (a) India
- (b) Pakistan
- (c) Bangladesh
- (d) Bhutan

86. Which of the following statements is/are correct as per 'Status of Tiger, Co-Predators & Prey in India - 2018 Report'?

- 1. There are 3 Tiger Reserves with the Tiger Population of more than 200
- 2. All the states in India have recorded an increase in the Tiger Population

Select the correct Code:

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

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

- 1. India counts number of tigers every three years
- 2. National Tiger Conservation Authority (NTCA) is in the Ministry of Environment, Forest and Climate Change
- 3. The Tiger Task Force was brought in 2010 for three-yearly monitoring of tiger population across India based on methodology developed by Wildlife Institute of India (WII)

Select the correct Code:

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

88. Which of the following statements are correct about MSTripES?

- 1. It is scaled up to an Android Platform
- 2. It uses Global Positioning System (GPS)

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3. It used CaTRAT - Camera Trap Data Repository and Analysis Tool

Select the correct Code:

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

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

- 1. Lake Tanganyika is the world's largest freshwater lake
- 2. Lake Baikal is the world's largest freshwater lake
- 3. When a lake dries up or shrinks its salinity increases
- 4. Microorganisms play important role in cleaning up a lake after inflow of rivers

Select the correct Code:

- (a) 1, 3 and 4 Only
- (b) 2, 3 and 4 Only
- (c) 3 and 4 Only
- (d) 1 Only

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

- 1. Lake Poopo is in Bolivia
- 2. Climate change, upstream water diversion, drought and mining led to the drying up lake Poopo and it getting choked with sediments

Select the correct Code:

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

91. Which of the following statements is/are correct about Lake Baikal?

- 1. It is world's largest freshwater lake
- 2. It is shrinking
- 3. It has more than one-third (1/3rd) of earth's unfrozen freshwater

Select the correct Code:

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

92. Which of the following statements is/are correct about The Caspian Sea?

- 1. It is the Earth's third largest inland water-body
- 2. Countries sharing borders in it include Russia, Azerbaijan, Iran, Turkmenistan and Kazakstan
- 3. Iran has the largest coastline in it

Select the correct Code:

- (a) 1 and 3 Only
- (b) 2 Only
- (c) 2 and 3 Only
- (d) None of these

93. Assertion (A): 'Conservation Agriculture' leads to increased agricultural input.

Reason (R): Conservation Agriculture promotes permanent soil cover, causes minimum soil disturbance, and promotes diversification of plant species.

Select the correct Code:

- (a) Assertion (A) and Reason (R) both are correct, and Reason (R) is the correct explanation for Assertion (A)
- (b) Assertion (A) and Reason (R) both are correct, but Reason (R) is not the correct explanation for Assertion (A)
- (c) Assertion (A) is correct, but Reason (R) is wrong
- (d) Assertion (A) is wrong, but Reason (R) is correct

94. Which of the following is/are correct about the impact of Conservation Agriculture?

- 1. Decrease in organic matter
- 2. Increase in splash-effect of raindrops

Select the correct Code:

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

95. Assertion (A): Stratosphere Aerosol Injection (SAI) is a technique of

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Geoengineering for Solar Radiation Management (SRM).

Reason (R): Main aim of Stratosphere Aerosol Injection (SAI) is reducing atmospheric carbon-dioxide concentrations.

Select the correct Code:

- (a) Assertion (A) and Reason (R) both are correct, and Reason (R) is the correct explanation for Assertion (A)
- (b) Assertion (A) and Reason (R) both are correct, but Reason (R) is not the correct explanation for Assertion (A)
- (c) Assertion (A) is correct, but Reason (R) is wrong
- (d) Assertion (A) is wrong, but Reason (R) is correct

96. Assertion (A): Geoengineering is not concerned with Carbon Oxide Removal/Reduction (CDR).

Reason (R): Geoengineering is concerned with Solar Radiation Management (SRM).

Select the correct Code:

- (a) Assertion (A) and Reason (R) both are correct, and Reason (R) is the correct explanation for Assertion (A)
- (b) Assertion (A) and Reason (R) both are correct, but Reason (R) is not the correct explanation for Assertion (A)
- (c) Assertion (A) is correct, but Reason (R) is wrong
- (d) Assertion (A) is wrong, but Reason (R) is correct

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

- 1. Karnataka has the Top-First-Position in setting up the plants to produce Compressed Biogas (CBG)
- 2. Indian Oil Corporation (IOC) has started some retail outlets for commercial sale of Compressed Biogas (CBG)

Select the correct Code:

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

98. Which of the following statements is/are correct about Compressed Biogas (CBG)?

- 1. Biogas is purified to remove hydrogen sulphide, carbon-dioxide and water vapour for compressing and producing Compressed Biogas (CBG)
- 2. CBG has very different calorific value and other properties thus it cannot replace CNG in automotive and commercial areas

Select the correct Code:

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

99. Which of the following statements are correct about rice straw?

- 1. It is rich in polysaccharides
- 2. It has poor lignin and silica content
- 3. Wheat straw contribution is more than rice straw in crop residue

Select the correct Code:

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

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

- 1. Rice straw energy yields are poorer as compared to sugarcane bagasse
- 2. Sugarcane bagasse energy yields are poorer as compared to rice straw
- 3. Leading states making most contribution in India in bioenergy are Himachal Pradesh, Gujarat and Jharkhand

Select the correct Code:

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

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Answer Key:

- | | | | | |
|----------------|----------------|----------------|----------------|-----------------|
| <u>1.</u> (c) | <u>21.</u> (a) | <u>41.</u> (b) | <u>61.</u> (c) | <u>81.</u> (c) |
| <u>2.</u> (b) | <u>22.</u> (c) | <u>42.</u> (c) | <u>62.</u> (b) | <u>82.</u> (c) |
| <u>3.</u> (a) | <u>23.</u> (c) | <u>43.</u> (a) | <u>63.</u> (b) | <u>83.</u> (c) |
| <u>4.</u> (d) | <u>24.</u> (d) | <u>44.</u> (b) | <u>64.</u> (c) | <u>84.</u> (d) |
| <u>5.</u> (a) | <u>25.</u> (a) | <u>45.</u> (a) | <u>65.</u> (d) | <u>85.</u> (b) |
| <u>6.</u> (d) | <u>26.</u> (a) | <u>46.</u> (c) | <u>66.</u> (c) | <u>86.</u> (d) |
| <u>7.</u> (c) | <u>27.</u> (d) | <u>47.</u> (a) | <u>67.</u> (a) | <u>87.</u> (b) |
| <u>8.</u> (a) | <u>28.</u> (b) | <u>48.</u> (b) | <u>68.</u> (c) | <u>88.</u> (d) |
| <u>9.</u> (d) | <u>29.</u> (a) | <u>49.</u> (d) | <u>69.</u> (b) | <u>89.</u> (b) |
| <u>10.</u> (a) | <u>30.</u> (c) | <u>50.</u> (c) | <u>70.</u> (a) | <u>90.</u> (c) |
| <u>11.</u> (d) | <u>31.</u> (a) | <u>51.</u> (b) | <u>71.</u> (d) | <u>91.</u> (a) |
| <u>12.</u> (b) | <u>32.</u> (a) | <u>52.</u> (c) | <u>72.</u> (d) | <u>92.</u> (b) |
| <u>13.</u> (a) | <u>33.</u> (a) | <u>53.</u> (c) | <u>73.</u> (c) | <u>93.</u> (d) |
| <u>14.</u> (b) | <u>34.</u> (c) | <u>54.</u> (c) | <u>74.</u> (d) | <u>94.</u> (d) |
| <u>15.</u> (d) | <u>35.</u> (b) | <u>55.</u> (b) | <u>75.</u> (d) | <u>95.</u> (c) |
| <u>16.</u> (d) | <u>36.</u> (a) | <u>56.</u> (d) | <u>76.</u> (a) | <u>96.</u> (d) |
| <u>17.</u> (a) | <u>37.</u> (b) | <u>57.</u> (d) | <u>77.</u> (a) | <u>97.</u> (b) |
| <u>18.</u> (a) | <u>38.</u> (d) | <u>58.</u> (b) | <u>78.</u> (b) | <u>98.</u> (a) |
| <u>19.</u> (a) | <u>39.</u> (c) | <u>59.</u> (c) | <u>79.</u> (b) | <u>99.</u> (a) |
| <u>20.</u> (a) | <u>40.</u> (d) | <u>60.</u> (d) | <u>80.</u> (a) | <u>100.</u> (a) |