

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO

T.B.C. : STS-K-TPT
Serial No.:

Test Booklet Series

TEST BOOKLET

Subject : Test 9 - Environment
Answer Key



Time Allowed : Two Hours

Maximum Marks : 200

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS, ETC. IF SO, GOT IT REPLACED BY A COMPLETE TEST BOOKLET.

2. Please note that it is the candidate's responsibility to encode and fill in the Roll Number and Test Booklet Series A, B, C or D carefully and without any omission or discrepancy at the appropriate places in the OMR Answer Sheet. Any omission/discrepancy will render the Answer Sheet liable for rejection.

3. You have to enter your Roll Number on the Test Booklet in the Box provided alongside. DO NOT write anything else on the Test Booklet.

4. This Test Booklet contains 100/80 items (questions). Each item is printed in English. Each item comprises of four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose ONLY ONE response for each item.

5. You have to mark all your responses ONLY on the separate Answer Sheet provided. See directions in the Answer Sheet.

6. All items carry equal marks

7. Before you proceed to mark in the Answer Sheet the response to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per instructions sent to you with your Admission Certificate.

8. After you have completed filling in all your responses on the Answer Sheet and the examination has concluded, you should hand over to the Invigilator only the Answer Sheet. You are permitted to take away with you the Test Booklet.

9. Sheets for rough work are appended in the Test Booklet at the end.

10. Penalty for wrong answers:

THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTION PAPERS

(i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **one third** if the marks assigned to that question will be deducted as penalty.

(ii) If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct and there will be same penalty as above to that question.

(iii) If a question is left blank, i.e., no answer is given by the candidate, there will be no penalty for that question.

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1. Which of the following statements are incorrect about Cheetah reintroduction in India?

- (a) Cheetah is only large carnivore to be officially declared extinct in India in 1952
- (b) Sheopur-Shivpuri deciduous open forest is the place where Cheetahs will be reintroduced

(c) Cheetah reintroduction in India happens with Cheetahs from Nigeria in South Africa

- (d) The cheetahs indigenous to India that went extinct are Asiatic Cheetahs that can be found now in Iran

2. Uttarakhand's Joshimath was in news recently for natural disaster associated with

- (a) Tectonic activity and earth quake
- (b) Geothermal activity and quick sanding
- (c) Flooding activity and Glacial outburst

(d) Tectonic activity and land subsidence

3. Which of the following pairs of Wildlife Protection Act is correctly matched as amended in 2022.

- 1. Schedule 1 : Animals with lesser protection
- 2. Schedule 2 : Animals with greater protection
- 3. Schedule 3 : Protected Plants
- 4. Schedule 4 : Animals listed in CITES

Select the answer from the below codes

- (a) One Pair only
- (b) Two Pairs only**
- (c) Three Pairs only
- (d) Four Pairs only

4. "Stratospheric Aerosol Injection" is a technology to inject Aluminium oxide in stratosphere. This is done for

- (a) Cloud seeding
- (b) Repair Ozone hole
- (c) To measure stratospheric pollution

(d) Modifying solar radiation

5. "Flex Fuel Vehicles" have an internal combustion engine and are capable of operating on

- (a) Ethanol and Gasoline**
- (b) Petrol and Electricity
- (c) Petrol and Natural Gas
- (d) Electricity and Natural Gas

6. Gross Environment Product (GEP) is the total value of final ecosystem services supplied to human well-being in a region annually and can be measured in terms of biophysical value and monetary value.

Which of the following state is the first state in India to calculate Gross Environment Product (GEP)

- (a) Uttarkhand**
- (b) Sikkim
- (c) Tamil Nadu
- (d) Rajasthan

7. Seagrasses have been called 'the lungs of the sea' because

- (a) they release oxygen into the water through the process of photosynthesis.**
- (b) they remove toxic elements from the ocean water
- (c) it avoids ocean warming that leads to coral bleaching
- (d) It provides for aeration facilitating benthic organism to survive

8. A global initiative popularly known as '30 x 30 target' is often seen in the news. Which one of the following statements best reflects this initiative ?

- (a) At least 30% of the planet should be protected by 2030.**
- (b) At least 30% of the cultivated area should be brought under organic farming by 2030.
- (c) At least 30% of the energy requirements should be met by renewable sources by 2030.
- (d) At least 30% of the people below poverty line should be brought out of their poverty by 2030.

9. Which of the following institutions was not created by Wildlife Protection Act

- (a) **Animal Welfare Board of India**
- (b) Wildlife Crime Control Bureau
- (c) Central Zoo Authority
- (d) National Board of Wildlife

10. Keibul Lamjao National Park is famous for

- (a) Indian gazelle
- (b) Four-horned antelope
- (c) **Brow-antlered deer**
- (d) Swamp deer

11. Which of the following big cats are possessed by India now

- 1. Lion
- 2. Snow leopard
- 3. Leopard
- 4. Cheetah
- 5. Tiger
- 6. Clouded leopard

Select the answer from the below codes

- (a) 1, 3, 5 and 6
- (b) 2, 3, 4 and 6
- (c) 1, 3, 4 and 5
- (d) **All of the above**

12. Consider the following description:

These forests are well stratified, with layers closer to the ground and are covered with shrubs and creepers, with short structured trees followed by a tall variety of trees.

Which of the following forests is best described in the above passage?

- (a) **Tropical Evergreen Forests**
- (b) Tropical Semi-Evergreen Forests
- (c) Temperate Forests
- (d) Tropical Deciduous Forests

13. Which of the following Conventions created legal binding obligations for the implementation of the Prior Informed Consent (PIC) procedure regarding certain hazardous chemicals?

- (a) **Rotterdam Convention**
- (b) Basel Convention
- (c) Minamata Convention
- (d) Stockholm Convention

14. Which of the following statements is /are correct about the point source of water pollution?

- 1. Pollutant travels directly from source to water.
- 2. These sources are difficult to regulate.

Select the correct answer using code given below:

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

15. Which of the following Biosphere reserves are arranged from South to North?

- a) Nanda Devi, Panna, Nokrek, Seshachalam
- b) Panna, Nokrek, Seshachalam, Nanda Devi
- (c) **Seshachalam, Panna, Nokrek, Nanda Devi**
- d) Seshachalam, Panna, Nanda Devi, Nokrek

16. Which of the following statement is true about Bureau of Energy Efficiency (BEE)

- 1. BEE is a non statutory body set up by Government of India in 2002
- 2. BEE provide the consumer an informed choice about the energy saving
- 3. BEE provide Comparative Label and Endorsement Label with STAR marks

Select the answer from the codes given below

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

17. Lion Tailed Macaque and Tahr are endangered species very commonly found in which of the following reserves

- a) Achanakmar-Amarkantak
- (b) **Nilgiri**
- c) Seshachalam Hills
- d) Nandadevi National Park

18. Kaziranga houses some of the most endangered species in the world. It is equally well-known for its “big five” - namely the one-horned rhinoceros, tiger, elephant, wild water buffalo and eastern swamp deer. Which of the following is statement is true about Kaziranga National Park

1. Hoolock gibbon is the only ape found in India can be spotted in Kaziranga
2. Gangetic River Dolphin can be spotted in this National Park
3. Dugong mammal is found in Kaziranga National Park

Select the answer from the codes given below

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

d) 1 and 2 only

19. Which of the following statement about ‘Great Indian Bustard (GIB)’ is not true

- a) GIB is a critically endangered species mostly found in habitat associated with black buck
- b) Thar Desert Landscape is the only remaining habitat in the world that provides viable breeding population to GIBs
- c) The habitat where it is most often found is arid and semi-arid grasslands, thorn scrub, tall grass interspersed with cultivation

d) GIB lay’s around 10 to 15 eggs in a season, which makes the conservation effort more easy

20. “Biodiversity Management Committee” is set up at the level of

- (a) National
- (b) State
- (c) District

(d) Panchayat

21. “Freddie, Elton, Oban, Siyaya, Aasha, Tbilisi, Sasha and Savannah” are all terms in news recently associated with

- (a) newly declared wetlands
- (b) plant varieties that is included in Wildlife Protection Act

(c) reintroduction of wildlife in India

- (d) bird varieties that were accorded protection under CITES

22. Which of the following statements are correct with respect to star labelling by Bureau of Energy Efficiency ?

1. Lowest energy consuming appliances will have highest star
2. Highest energy consuming appliances will have the least star.
3. High energy saving appliances will have the least star
4. Low energy saving appliances will have the highest star

Which of the above statements are correct

(a) 1 and 2 only

(b) 3 and 4 only

(c) 1 and 3 only

(d) 2 and 4 only

23. Kunming-Montreal Framework which was recently in news will be replacing

(a) Aichi Biodiversity Targets

(b) Nagoya Protocol on ABS

(c) Cartagena Protocol on Biosafety

(d) Montreal Protocol on ODS

24. Which of the following statements are correct about Global Mangrove Alliance ?

1. It was Launched in 2018 at World Ocean Summit by Conservation International, IUCN, WWF
2. “The state of the worlds mangroves” is report published by the Alliance
3. “Mangroves for the Future” is an initiative of the Alliance
4. India is not a member of the Alliance also it has the world largest mangrove forest

Select the answers from the below codes

(a) 1, 2 and 3 only

(b) 2, 3 and 4 only

(c) 1, 3 and 4 only

(d) 1, 2, 3 and 4

25. Mahabali Frog, which buries itself all through the year and surfaces only one day to lay eggs, is supposed to become the State Frog of

(a) Karnataka

(b) Odisha

(c) Kerala

(d) Maharashtra

26. The Groundswell report is a stark reminder of the human toll of climate change, particularly on the world's poorest—those who are contributing the least to its causes. The Groundswell report is released by

- (a) United Nations Environment Program
- (b) World Bank**
- (c) World Wildlife Fund
- (d) Climate and Clean Air Coalition

27. Which of the following chemicals and its uses are matched correctly being part of either Stockholm convention or Rotterdam convention?

- 1. Iprodione : Fungicide
- 2. Dechlorane Plus : Flame Retardant
- 3. Terbufos : Soil insecticide
- 4. Glyphosate : Pesticide

Select the answers from the below codes

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

28. The principle of 'common but differentiated responsibilities and respective capabilities', often talked about in media, refers to

- (a) WHO's COVID-19 Global Vaccination Drive
- (b) contributions to the International Monetary Fund
- (c) reduction of greenhouse gas emissions**
- (d) contributions to the United Nations Peacekeeping Operations

29. Which of the following can be seen as the definition of "High Seas" ?

- (a) The seas covered in exclusive economic zone
- (b) Sea that are not included in the territorial waters or the internal waters of a country**
- (c) Deep oceans sea bed where extraction of minerals is not possible
- (d) Mid part of the major oceans

30. Which of the following pairs are correctly matched with the respective state

- 1. Chinkara : Rajasthan
- 2. Sangai : Mizoram
- 3. Chousingha : Madhya Pradesh
- 4. Hangul : Kashmir

Select the answer from the below codes

- (a) One Pair only
- (b) Two Pairs only
- (c) Three Pairs only**
- (d) Four Pairs only

31. Which of the below statements are correct ?

- 1. Sarus Crane is the state bird of Uttar Pradesh
- 2. Black-necked crane is the state bird of Jammu and Kashmir
- 3. Great Indian Bustard is the state bird of Rajasthan
- 4. Great Hornbill is the state bird of Karnataka and Assam

Select the answers from the below codes

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

32. Chitrangudi, Karikili, Kanjirankulam, Koonthankulam, Suchindram Theroor , Udhayamarthandapuram are all Ramsar recognised Wetlands of International importance in

- (a) Kerala
- (b) Karnataka
- (c) Tamil Nadu**
- (d) Andhra Pradesh

33. Forest Advisory Committee is set up under

- (a) Indian Forest Act
- (b) Forest Conservation Act**
- (c) Wildlife Protection Act
- (d) Environment Protection Act

34. Which of the following is/are the parameters for defining water quality?

1. Turbidity
2. Chemical Oxygen Demand
3. Hardness due to presence of Arsenic, Cadmium and Chromium.

Select the correct answer using the code given below:

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

35. Consider the following statements with reference to Solar Geo-Engineering seen frequently in news:

1. It is a process through which the reflectivity of the Earth's atmosphere or surface is decreased to offset climate change.
2. It includes both surface-based methods and space-based methods.

Which of the above statements is/are correct?

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

36. Which of the following statement about Phumdis in Loktak is true

- a) Phumdis are rocky crystalline structures that allow moss to grow
b) Phumdis is a mix of vegetation, soil and decomposing organic matter
c) Phumdis is fertile organic soil that is suitable for growing tea
d) Phumdis are evergreen forest with three layers of vegetation

37. Kanchenjunga mountain peak located in Sikkim, India. It was inscribed to the UNESCO World Heritage Sites list on 2016. It was inscribed under the category of

- a) Natural Site
b) Cultural Site
c) Mixed Site
d) Mountain Site

38. Species diversity increases as one proceeds from

- a) High altitude to low altitude and high latitude to low latitude**
b) Low altitude to high altitude and low latitude to high latitude
c) Low altitude to high altitude and Low latitude to high latitude
d) High altitude to low altitude and low latitude to high latitude

39. Which of the following statements are correct

1. Species diversity decreases as we move away from the equator towards the poles
2. Species richness increases from higher latitude to lower latitude.
3. Tropics are rich in Biodiversity

Select the answer from the below codes

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

40. Which of the following Wildlife Sanctuary are matched correctly

1. Nauradehi Wildlife Sanctuary : Madhya Pradesh
2. Gandhi Sagar Wildlife Sanctuary : Gujarat
3. Shahgarh bulge (Bhainsrogarh) : Rajasthan
4. Mukundara Tiger Reserve : Rajasthan

Select the answer from the below codes

- (a) One Pair only
(b) Two Pairs only
(c) Three Pairs only
(d) Four Pairs only

41. "RIGHT TO REPAIR" portal was recently launched in India by

- (a) Ministry of Consumer Affairs**
(b) Ministry of Electronics and Information Technology
(c) Ministry of Environment
(d) Ministry of Labour

42. Which of the following statements are correct about reintroduction of wild?

1. In India, lions from the Gir Forest of Gujarat are supposed to be reintroduced in Madhya Pradesh
2. In India, Tiger from Ranthambore is supposed to be reintroduced in Sariska
3. In India, Rewilding of Red Pandas is happening in Padmaja Naidu Himalayan zoological park

Select the answer from the below codes

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

43. "Cloud Forest 25" is an initiative to protect cloud forest. Which of the following statements are correct

1. Cloud Forests are mountain tropical forests
2. Cloud Forests are generally found at the river headstreams
3. Cloud Forest 25 is an financial investment initiative
4. India is not a member of Cloud Forest 25 initiative

Select the answers from the below codes

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

44. Which of the following is correct about "Green Steel" ?

- (a) manufacturing of steel without the use of fossil fuels.**
- (b) manufacturing of steel without destroying forest or nature
- (c) Trees planted for every tonne of steel manufactures
- (d) Steel manufactures with least wastage or steel slag

45. Seaweed park with SEZ status was recently opened in

- (a) Andaman
- (b) Tamil Nadu**
- (c) Kerala
- (d) Gujarat

46. Which of the following statement is correct?

1. India's first slender loris sanctuary is declared in Tamilnadu
2. India's first Dugong conservation reserve is declared in Tamilnadu
3. International olive ridley turtle protection and rehabilitation centre is created in Tamilnadu

Select the answer from the below codes

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

47. Which of the following pair is not correctly matched seed dispersal method ?

- (a) thalassochore : Sea current dispersal
- (b) hydrochore : water dispersal
- (c) anemochore : artificial dispersal**
- (d) biochore : rides on other organism

48. Which of the following statements are correct ?

1. The authority to permit killing a Schedule 1 animal is vested with the Chief Wildlife Warden
2. Protected Areas are declared by the state government under Wildlife Protection Act
3. Reserved Forest and protected forest is declared by the central government under Indian Forest Act

Select the answer from the below codes

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

49. Chinnar Wildlife Sanctuary, Gahirmatha Marine Sanctuary, National Chambal Sanctuary are all sanctuary famous for

- (a) Tiger
- (b) Ibex
- (c) Tortoise**
- (d) Crocodile

50. Which of the following statements are correct about wetlands ?

1. The National Wetland Inventory and Assessment is compiled by ISRO
2. To designate a site as Ramsar site, it must meet at least one of nine criteria defined by the Ramsar Convention of 1971
3. Tamil Nadu has the highest number of Ramsar Sites in India
4. India currently has 75 Ramsar Sites

Select the answers from the below codes

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

51. Match the following:

Forests	Location
A. Tropical dry deciduous forests	1. Uttar Pradesh
B. Tropical Semi-evergreen forests	2. Tamil Nadu
C. Tropical Dry evergreen forest	3. Eastern Himalayas

Select the correct answer using the code given below:

A B C

- (a) 1 3 2**
- (b) 1 2 3
- (c) 3 1 2
- (d) 3 2 1

52. According to IUCN data, which of the following is not a 'Biodiversity Hotspot' in India?

- a) Himalayas
- b) Lakshadweep islands**
- c) Western ghats
- d) North East

53. Consider the following statements about Gharial:

1. It is listed under 'critically endangered' category of IUCN.
 2. It prefers deep fast flowing rivers.
 3. It is found in Chambal, Mahanadi & Son.
- 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**

54. Areas are delineated as Protected, Reserved etc for the purpose of conservation of natural resources. Which of the following is correctly matched with reference to the act and its establishment

1. Indian Forest Act 1927 : Protected Forest
 2. Wildlife Protection Act 1972 : Protected Area
 3. Bio Diversity Act 2002 : Eco Sensitive Zone
 4. Forest Conservation Act : Reserved Forest
- Select the answer from the below codes

- a) 1 and 2 only**
- b) 2, 3 and 4 only
- c) 1, 3 and 4 only
- d) 1, 2, 3 and 4

55. The effectiveness of any greenhouse gas molecule will depend on which of the following factors?

1. Magnitude of the increase in its concentration
2. Lifetime in the atmosphere
3. Wavelength of the radiation it absorbs

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 and 3**

56. Which of the following are considered as Cheetah range states

(a) Gujarat, Rajasthan, Chhattisgarh and Madhya Pradesh

(b) Madhya Pradesh, Bihar, Uttar Pradesh and Jharkhand

(c) Chattisgarh, Odisha, Andhra Pradesh and Telangana

(d) West Bengal, Assam, Arunachal Pradesh and Sikkim

57. Which of the following statements are correct ?

1. Renewable Energy Certificate is issued for the purpose of meeting renewable purchase obligations only in Central Electricity Regulatory Commission approved power exchanges.

2. Energy Saving Certificates (ES Certs) under Perform, Trade and Achieve (PAT) scheme is to reduce the specific energy consumption (SEC) in energy intensive industries.

3. ESCerts are traded on Indian Energy Exchange (IEX) and Power Exchange India Limited (PXIL)

Select the answer from the below codes

(a) 1 and 2 only

(b) 2 and 3 only

(c) 1 and 3 only

(d) 1, 2 and 3

58. Which of the following plants are mentioned in Schedule III of Wild Life Protection Act as amended in 2022.

1. Gold Threat (Teeta), Neel Kurinji, Tree Turmeric

2. Blue Vanda, Red Vanda, Common Yew

3. Pitcher plant, Indian Podohyllum, kuth, Daffodil Orchid

Select the answer from the below codes

(a) 1 and 2 only

(b) 2 and 3 only

(c) 1 and 3 only

(d) 1, 2 and 3

59. Which of the following statements are not correct about Koronivia Joint Work on Agriculture (KJWA) ?

(a) It is part of UNFCC

(b) Launched in COP 17 in Bonn

(c) links agriculture with climate change

(d) aim to reduce Ozone depleting substances

60. SWAS, STAR, SAFAL are terms associated with

(a) Electric pumps with low emission

(b) Rating chart for Green house emission

(c) Crackers with low emission

(d) Gadgets to purify air pollutants

61. Which of the following statements are correct about "Mangrove Alliance for Climate"

1. Mangrove Alliance for Climate launched in Sharm el Sheikh in COP 27

2. The Alliance was led by UAE and Indonesia

3. The Alliance works on voluntary basis with no binding protocols

Select the answer from the below codes

(a) 1 and 2 only

(b) 2 and 3 only

(c) 1 and 3 only

(d) 1, 2 and 3

62. Which of the following statements are correct about "Mura Drava Danube"

1. It is called as the Amazon of Asia

2. It is the first five country biosphere reserve

Select the answer from the below codes

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

63. As compared to natural greenhouse effect, the enhanced greenhouse effect refers to increase in average surface temperature of the Earth due to

(a) volcanic activity

(b) warm ocean currents

(c) sunspot activity

(d) anthropogenic activities

64. Which of the following statements are correct

1. Madhya Pradesh has the largest tiger population in India
2. Kerala has the largest elephant population in India
3. Madhya Pradesh has the largest leopard population in India
4. Rajasthan has the largest population of Cheetah in India

Select the answers from the below codes

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

65. State with the largest Wetland area in India and Worlds largest Mangrove is located in

- (a) Gujarat
(b) Tamilnadu
(c) **West Bengal**
(d) Kerala

66. Which of the following impurities are found in groundwater?

1. Arsenic from smelting processes.
2. Fluoride from municipal water supplies.
3. Lead from industry & mining.
4. Nitrate from agricultural fields.

Select the correct answer using the code given below:

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

67. Consider the following statement with respect to "Wildlife in India":

1. India is the only country in the world that has both tigers and lions in their natural habitat.
2. The Gir Forest is the last remaining natural habitat of the Asiatic lion. 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

68. Kaziranga National Park in Assam a UNESCO world heritage site is located near

- a) Naga Hills
b) **Mikir Hills**
c) Mishmi Hills
d) Jaintia Hills

69. Which of the following explains biotope

a) An area in which animal and plants having similar habitat

- b) An area in which animal and plants having similar group living together
c) An area in which animal and plants having similar behavior live together
d) An area in which animals and plants having similar habitat live together

70. Which of the following are the key changes made in Wild Life Protection Act as amended in 2022.

1. A new chapter have been added to implement CITES regulation in India
2. Number of schedules reduced from Six to Four.

3. Any person having a certificate of ownership for captive animals or animal products, can voluntarily surrender them to the Chief Wildlife Warden for which the government will pay the compensation.

Select the answer from the below codes

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

71. Which of the following equipment is not notified under mandatory labelling

- (a) Air Conditioners and Refrigerators
(b) Fluorescent lamps and Distribution Transformers
(c) Colour Television, LED lamps, Ceiling Fans

(d) Laptops, LPG Stove, Microwave Ovens

72. Which of the following statements is incorrect with reference to Carbon Border Adjustment Mechanism (CBAM)

(a) CBAM is an initiative of India to tax carbon intensive products

(b) CBAM also called as Carbon tax imposed on importing carbon intensive products

(c) CBAM is part of the “Fit for 55 in 2030 package”, of EU to reduce GHG emissions

(d) CBAM also called Carbon Leakage Instrument was proposed in 27th edition of Conference of Parties (COP) in Sharm El Sheikh

73. Which of the following sources is the major contributor of Methane?

(a) Wetlands

(b) Fossil fuel extraction

(c) Livestock

(d) Land fill and agricultural waste

74. Recently the term “Arctic Amplification” is in news. Which of the following are the causes of Arctic Amplification?

1. Albedo feedback
2. Water vapour feed back
3. Ocean heat transport

Select the answer from the below codes

(a) 1 and 2 only

(b) 2 and 3 only

(c) 1 and 3 only

(d) 1, 2 and 3

75. The population of snow leopards has declined by over 20% in the past 25 years in India, but the population has significantly grown in Himachal Pradesh. Decline in snow leopard population will cause

1. Increase in vegetation cover
2. Depletion of vegetation cover
3. Decrease in Siberian ibex and blue sheep

Select the answer from the below codes

(a) 1 and 2 only

(b) 2 only

(c) 1 and 3 only

(d) 1, 2 and 3

76. In a recent judgement, the Supreme Court of India directed that every protected forest, national park and wildlife sanctuary across the country should have a mandatory eco-sensitive zone (ESZ) of a minimum of

(a) 1 km starting from their demarcated boundaries

(b) 2 km starting from their demarcated boundaries

(c) 3 km starting from their demarcated boundaries

(d) 5 km starting from their demarcated boundaries

77. As per the safe drinking water guidelines issued by the Bureau of Indian Standards, Government Of India, what is the acceptable pH value of drinking water?

(a) Between 7.5 and 9.5

(b) Between 6.5 and 8.5

(c) Between 5.5 and 7.5

(d) Between 4.5 and 6.5

78. Which of the following pairs are correctly matched with way they get the nutrition

1. saprophage : from decomposing dead plant or animal
2. coprophage : from feeding on feces or fecal matter.
3. necrophage : from feeding on clay and chalk
4. geophage: from feeding on dead or decaying flesh

Select the answer from the below codes

(a) One Pair only

(b) Two Pairs only

(c) Three Pairs only

(d) Four Pairs only

79. Which of the following program classify the protected animals as Appendix I, II, III

(a) Convention on International Trade in Endangered Species

(b) Wildlife Protection Act

(c) International Union for Conservation of Nature

(d) The Wildlife Trade Monitoring Network

80. Edible Nest Swiftlet, Jerdon's Courser, Indian Roller are all types of

- (a) Bats
- (b) Birds**
- (c) Fishes
- (d) Frogs

81. Which of the following statements is/are incorrect regarding biome?

1. It consists of biotic and abiotic components, which are interacting with each other.

2. It is a plant and animal community that covers a large geographical area.

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**

82. Which of the following chemicals are used for disinfection of water?

- 1. Chlorine
- 2. Chloramine
- 3. Chlorine dioxide
- 4. Ozone

Select the correct answer using the code given below:

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

83. Which of the following is not the mission of India's National Action Plan on Climate Change?

- a) National solar mission
- b) National water mission
- c) National Mission for a Green India
- d) National Mission on Sustainable Development**

84. Which of the following is an invasive species

- 1. Lantana camara
- 2. Prosopis juliflora
- 3. Parthenium
- 4. Eupatorium

Select the answer from the below codes

- a) 1 and 2 only
- b) 2, 3 and 4 only
- c) 1, 3 and 4 only
- d) 1, 2, 3 and 4**

85. With Reference to the 'Biological Diversity Act', consider the following statements:

- 1. Biological resources under the act include human genetic material.
- 2. One of the objectives of the act is to provide equitable sharing of benefits arising from the utilization of genetic resources.

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. Which of the following explains "Karakoram Anomaly" ?

- (a) stability or growth of glaciers in the central Karakoram**
- (b) reduction of glaciers in the central Karakoram
- (c) shifting of glaciers from central karakoram to lower areas
- (d) pollution of glaciers with zombie virus

87. Living Lands Charter: member countries have agreed to voluntarily dedicate a 'living land' in their respective countries to future generations.

Which of the following organisation members signed the Living Lands Charter

- (a) Commonwealth**
- (b) ASEAN
- (c) United Nations
- (d) African Union

88. Which one among the- following reports defines Sustainable Development as development that meets the needs of the present generation without compromising the ability of future generations to meet their own needs ?

(a) Brundtland Report

- (b) United Nations Human Development Report
(c) Agenda-21 of the Rio Earth Summit
(d) OECD Policy Brief (2006)

89. Which of the following statements are correct ?

1. Wildlife Sanctuary and National Parks are declared by the state government under Wildlife Protection Act
2. Eco Sensitive Zones are declared by the Union, Ministry of Environment under the Environment Protection Act

Select the answer from the below codes

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

90. If you travel from the Kashmir to Tamilnadu, what is the correct order of seeing the below animals North to South

1. Musk Deer
2. Four Horned Antelope
3. Swamp Deer
4. Indian Gazelle
5. Black buck

Which of the following is correct order

- (a) 1 – 2 – 3 – 4 - 5
(b) 5 – 4 – 3 – 2 – 1
(c) 1 – 4 – 3 – 2 – 5
(d) 5 – 2 – 3 – 4 - 1

91. Which of the following statements are correct?

1. Wetlands (Conservation and Management Rules) 2017 was framed under Biodiversity Act 2002
2. Wetlands (Conservation and Management Rules) 2017 establishes State Wetland Authority and National Wetland Authority

Select the answer from the below codes

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

92. Which of the following statements is/are correct regarding CITES?

1. It is an international agreement between the governments to ensure that international trade in the specimen of wild animals and plants does not threaten their survival.
2. CITES is legally binding but not self executing.

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

93. With reference to the Wildlife Protection Act, 1972, consider the following statements:

1. It provides for the protection of wild animals, birds, plants as well as insects.
2. It extends to the whole of India.

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. Government of India have decided to establish a Turtle sanctuary in Allahabad. The sanctuary will be placed in the confluence of which of the following rivers

- a) Ganga and Yamuna**
b) Ganga and Son
c) Chambal and Yamuna
d) Ghaghara and Ganga

95. Nokrek Biosphere Reserve is located in which of the following hills

- a) **Garo Hills**
- b) Khasi Hills
- c) Jainti Hills
- d) Mikhir Hills

96. Amensalism is an association between two species where

- a) Species is harmed and the other is benefitted
- b) **One species is harmed and the other is unaffected**
- c) One species is benefitted and other is unaffected
- d) Both the species are harmed

97. Recently, the Supreme Court of India ordered the laying of underground high-voltage power lines in Gujarat and Rajasthan to save the :

- (a) **Great Indian Bustard.**
- (b) Great Indian Hornbill.
- (c) Spot-Billed Pelican.
- (d) Sarus Crane.

98. Which one of the following is known as the life-supporting zone of the Earth ?

- (a) Ecosystem
- (b) **Biosphere**
- (c) Atmosphere
- (d) Biome

99. Which of the following act concerns about protection of forest ?

- (a) **Indian Forest Act**
- (b) Forest Conservation Act
- (c) Wildlife Protection Act
- (d) Prevention of cruelty to animals Act

100. Bharal, Markho, Argali, Serow, Takin are all type of

- (a) deer
- (b) **goat**
- (c) cat
- (d) monkey