

1. Consider the following statements:

Assertion (A): Conservation is a basic element of environmental planning.

Reason (R): Conservation and development are complementary to each other.

Select the correct answer from the codes given below

Codes:

- (a) Both A and R are true and R is the correct explanation of A.
- (b) Both A and R are true but R is not the correct explanation of A.
- (c) A is true but R is false.
- (d) A is false but R is true

2. Which one of the following does not promote stability of the ecosystem?

- (a) Balancing between production and consumption of each element in the ecosystem.
- (b) Balance between input and output of energy.
- (c) Normal functioning of different biochemical cycles.
- (d) Increase of human population.

3. Consider the following statements:

Assertion (A): Ecological productivity decreases from the equator towards the poles.

Reason (R): Insolation rapidly decreases from the equator towards the poles.

Select the correct answer from the codes given below:

Codes:

- (a) Both A and R are true and R is the correct explanation of A.
- (b) Both A and R are true but R is not the correct explanation of A.
- (c) A is true but R is false.
- (d) A is false but R is true

4. How does National Biodiversity Authority (NBA) help in protecting the Indian agriculture?

- 1. NBA checks the biopiracy and protects the indigenous and traditional genetic resources.
- 2. National Biodiversity Authority (NBA) directly monitors and supervises the scientific research on genetic modification of crop plants.

3. Application for Intellectual Property Rights related to genetic/biological resources can not be made without the approval of NBA.

Which of the statements given above is/are correct?

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

5. Consider the following statements:

1. Biodiversity is normally greater in the lower latitudes as compared to the higher latitudes.
2. Along the mountain gradients, biodiversity is normally greater in the lower altitudes as compared to the higher altitudes.

Which of the statements given above is/are correct?

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

6. Biodiversity forms the basis for human existence in the following ways:

1. Soil formation
2. Prevention of soil erosion
3. Recycling of waste
4. Pollination of crops

Select the correct answer using the codes given below:

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

7. Which of the following regions of India have been designated as biodiversity hotspots?

Select the correct answer from the codes given below:

- | | |
|---------------------|---------------------|
| 1. Eastern Himalaya | 2. Eastern Ghat |
| 3. Western Ghat | 4. Western Himalaya |

Codes:

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

8. Arrange the following states of India in descending order of their mangrove cover and select the correct answers from the codes given below:

- | | |
|-------------------|----------------|
| 1. Andhra Pradesh | 2. Gujarat |
| 3. Odisha | 4. West Bengal |

Codes:

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

9-Match List-I with List-II and select the correct answer from the codes given below:

- | List-I | List-II |
|-----------------|------------------|
| A. Biodiversity | 1. G. Tansley |
| B. Wildlife | 2. E.O. Wilson |
| C. Ecosystem | 3. E. Haeckel |
| D. Ecology | 4. W.T. Hornaday |

Codes:

- A B C D
(a) 2 4 3 1
(b) 2 4 1 3
(c) 4 2 3 1
(d) 4 2 1 3

10. Consider the following statements:

1. Dachigam National Park is in Jammu and Kashmir.

2. Loktak lake is known as floating national park.

3. Loktak lake is located in Assam.

Which of the above statements is/are correct?

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

11. Consider the following Institutes and the Nobel Prizes awarded by them:

Institute	Nobel Prize
1. Royal Swedish Academy of Sciences	Physics, Chemistry and Economics
2. Karolinska Institute	Medicine
3. Swedish Academy	Literature
4. Norwegian Nobel Committee	Peace

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

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

12. Consider the following statements related to FEDOR humanoid Robot:

- 1. It is the first ever humanoid robot to be sent to space.
- 2. This robot has been developed by Russia.

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- Consider the following statements related to acute encephalitis syndrome (AES):

1. It is caused by bacteria
2. High temperature during summers along with humidity is an ideal situation for its outbreak

Which of the statements given above is/are correct?

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

14. Consider the following statements related to National Electric Mobility Mission Plan (NEMMP) 2020:

1. It aims to promote the adoption of both Hybrid as well as electric vehicles in the country.
2. It is implemented by NITI Aayog. Which of the statements given above is/are correct?

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

15. Which of the following statements about ethanol in India, is/are correct?

1. It is allowed to be only produced from sugarcane.
2. It has been mandated to mix 30% Ethanol with petrol under the Ethanol Petrol blending programme.

Which of the statements given above is/are correct?

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

16. ASRAAM often mentioned in news is related to which of the following?

- (a) It is a Space craft of NASA
- (b) It is an air to air missile

- (c) It is a Nuclear submarine
- (d) None of the above

17. Colistin was recently banned by the government, it is related to which of the following?

- (a) Pesticide
- (b) Insecticide
- (c) Anti Biotic
- (d) None of the above

18- Sriharikota is located in which of the following states?

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

19. Consider the following statements about Libra Currency.

- 1. It is a crypto currency being launched by Facebook.
- 2. It will have backing of reserve of real assets to make it more stable
- 3. It is based on blockchain technology Select the correct answer using the code given below:

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

20. Artificial Intelligence can find its utility in which of the following sectors?

- 1. Military
- 2. Transportation
- 3. Agriculture
- 4. Sanitation

Which of the statements given above is/are correct?

- (a) 1 and 3 only

(b) 2 and 3 only

(c) 2 and 4 only

(d) 1, 2, 3 and 4

21. With reference to the Munda Rebellion, consider the following statements:

1. It is also known as the Great Tumult.

2. The rebellion was against the land policies of the Britishers.

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

22. With reference to the Regional Comprehensive Economic Partnership (RCEP), consider the following statements:

1. Members of the RCEP make up nearly two-third of the world's population.

2. RCEP will be the largest free trade agreement (FTA) in the world.

3. India is a member of RCEP.

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

23. With reference to Border Area Development Programme (BADP), consider the following statements:

1. The BADP was launched by the Ministry of Defence as part of a comprehensive approach to Border Management.

2. Only the north eastern and Himalayan states are covered under the programme.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

24. With reference to Lonar Lake, consider the following statements:

1. It is a Ramsar site.

2. It is a notified National Geo-heritage Monument.

3. It is a freshwater lake in Maharashtra.

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

25. With reference to QRSAM system recently launched by Defence Research and Development Organisation (DRDO), consider the following statements:

1. It is a canister-based system.
2. It is a long range surface-to-air missile system.

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

ANSWER SHEET

1	B	10	C	19	D
2	D	11	D	20	D
3	A	12	B	21	A
4	C	13	C	22	B
5	C	14	A	23	D
6	D	15	D	24	A
7	B	16	B	25	A
8	D	17	C		
9	B	18	C		