

1-Consider the following statements regarding Global Tiger Forum (GTF).

1.Global Tiger forum is the only intergovernmental international body established with members from willing countries to embark on a global campaign to protect the tiger.

2.It is focused on saving the remaining five subspecies of tigers distributed over 13 tiger range countries of the world.

3.India is the only member country from Asia to join the initiative.

Which of the above statements is/are correct?

a) 1 only

b) 2, 3

c) 1, 2

d) 1, 3

2-Which of the following are the Ex-situ conservation methods?

1.Seed Banks

2.Sacred Groves

3.Botanical Gardens

4.Cryopreservation of gametes

Select the correct answer code:

a) 1, 2, 3

b) 1, 3, 4

c) 1, 2, 4

d) 1, 2, 3, 4

3-Consider the following statements regarding measurement of Biodiversity.

1.Alpha diversity: It refers to the diversity within a particular area or ecosystem.

2.Beta diversity: It is a comparison of diversity between ecosystems.

3.Gamma diversity: It is a measure of the overall diversity for the different ecosystems within a region.

Which of the above statements is/are correct?

a) 1, 2

b) 1, 3

c) 2, 3

d) 1, 2, 3

4-Consider the following statements.

1.In the composition of living organisms, carbon constitutes the maximum share in the dry weight of organisms.

2.In the total quantity of global carbon, maximum percentage of carbon is found dissolved in oceans.

Which of the above statements is/are correct?

a) 1 only

b) 2 only

c) Both 1 and 2

d) Neither 1 nor 2

5-Bishkek Declaration was adopted for the conservation of

a) Tiger

b) Star Tortoise

c) Pangolin

d) Snow Leopard

6-Consider the following statements regarding UNESCO's Man and the Biosphere Programme (MAB).

1.UNESCO's Man and the Biosphere Programme (MAB) is an Intergovernmental Programme that aims to establish a scientific basis for the improvement of relationships between people and their environments.

2.Under this, Protection is granted to the flora and fauna of the protected region and also to the human communities who inhabit these regions.

Which of the above statements is/are correct?

a) 1 only

b) Both 1 and 2

c) 2 only

d) None

7-Consider the following statements regarding Population Interactions.

1.Competition: An orchid growing as an epiphyte on a mango branch

2.Predation: sparrow eating any seed.

3.Lichens represent a mutualistic relationship between a fungus and cyanobacteria.

Which of the above statements is/are correct?

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

8-Consider the following statements.

1.Organisms at each trophic level depend on those at the lower trophic level for their energy demands.

2.Each trophic level has a certain mass of living material at a particular time called as the standing crop.

Which of the above statements 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.Biodiversity hotspots are located only in tropical regions.

2.India has four biodiversity hotspots i.e. Eastern Himalayas, Western Himalayas, Western Ghats and Andaman and Nicobar Islands.

Which of the above statements is/are correct?

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

10-Consider the following statements regarding Seaweeds.

1.Seaweeds are macroscopic algae, which mean they have no differentiation of true tissues such as roots, stems and leaves.

2.Seaweeds usually grow in deep coastal waters wherever sizable substrata is available.

3.Seaweeds have the ability to bind and accumulate metals strongly.

Which of the above statements is/are correct?

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

11-Search-lights and vehicle headlights get powerful parallel beams of light by using

- a) Convex mirrors
- b) Polar mirrors
- c) Biofocal mirrors
- d) Concave mirrors

12-What is referred to as starch is essentially

- a) a dietary fibre
- b) pure glucose
- c) a form of complex carbohydrate
- d) an indicator for iodine

13-H9N2 viruses are associated with

- a) Foot and Mouth Disease
- b) Influenza epidemics
- c) Widespread tuberculosis
- d) Diarrhoea

14-In the human body significant magnetic field is produced by which of these organs?

- a) Spleen and liver
- b) Heart and Brain
- c) Stomach and Duodenum
- d) Hands and legs

15-Which of these are the fundamental properties of a superconductor?

- 1.Zero resistance to electrical current
- 2.Ferromagnetism

Select the correct answer code:

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

16-Sounding rockets of ISRO are useful for

- a) Adding speed to space shuttles
- b) Providing information on space junk
- c) Weather forecasting
- d) Probing the upper atmospheric regions and for space research

17-Consider the following statements.

- 1.Plants do not grow well when the soil is either too acidic or too basic.
- 2.Acidity soil should be treated with more organic matter to reduce acidity.

Which of the above statements is/are correct?

- a) None of these
- b) 1 only
- c) 1, 2
- d) 2 only

18-Consider the following statements regarding Measles.

- 1.Measles is transmitted via droplets from the nose, mouth or throat of infected persons.
- 2.Severe measles is more likely among poorly nourished young children, especially those with insufficient vitamin A.

Select the correct answer code:

- a) 1 only
- b) 2 only

- c) Both 1 and 2
- d) Neither 1 nor 2

19-Which of the following human body fluids is the most acidic in nature?

- a) Blood
- b) Gastric Juice
- c) Saliva
- d) Tears

20-Consider the following statements regarding photosynthesis.

1. Not only plants, but some bacteria also perform photosynthesis.
2. Glucose and oxygen are the end products of oxygenic photosynthesis.

Which of the above statements is/are incorrect?

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

21. Consider the following statements about Myanmar:

1. The country shares borders with India, China, Bangladesh and Thailand
2. Kaladan is a multi-modal transit transport project of Myanmar assisted by 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

22. Consider the following statements about Fishing Cat:

1. It is a nocturnal cat that feeds upon fishes, snakes and carcasses of animals.
2. It is found mainly along the Western Ghats.
3. Due to multiple threats, the fishing cat has been shifted from Vulnerable to Endangered species in the IUCN Red List.

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

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

23. With reference to the Asset Reconstruction Company (ARC), consider the following statements:

1. It is a specialized financial institution that buys the Non Performing Assets (NPAs) from banks and financial institutions.
2. The SARFAESI Act, 2002 provides the legal basis for the setting up of ARCs in India.
3. The ARC has been proposed to be set up with the equity contribution from the government.

Which of the statements given above is/are correct?

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

24. Consider the following statements:

1. Ramsar Convention provides the framework for the conservation and wise use of wetlands and their resources.
2. Chilka lake is the only wetlands of India listed in the Montreux record.
3. India has more than 10% of its land as wetlands.

Which of the statements given above is/are correct?

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

25. With reference to Jal Jeevan Mission (Urban), consider the following statements:

1. It complements the Goal- 5 of United Nations Sustainable Development goals.
2. It aims to promote the circular economy of water.

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