

TEST - 14 (IPM 2021)

23. Consider the following statements regarding Ecotone

1. Estuary is an example of Ecotone.
2. Ecotone is a zone of tension.
3. A well-developed ecotone contain some organisms which are entirely different from that of the adjoining communities.

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

24. Which of the following are characteristic of pollutants for Biomagnification to occur?

1. Pollutant is short-lived
2. Pollutant must be soluble in fats
3. Pollutant must be biologically active

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

25. Which of the following are characteristics of boreal forest?

1. They are characterized by evergreen plant species such as Spruce, fir and pine trees.
2. Boreal forest soils are characterized by thick podzols and are rather poor.
3. These soils are acidic.

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

26. Consider the following States:

1. Mizoram
2. Madhya Pradesh
3. Maharashtra
4. Arunachal Pradesh

27. Consider the following statements regarding Mangrove ecosystems

1. According to India State of Forest Report 2019, an increase of 54 sq Km in mangrove cover has been observed as compared to the previous assessment of 2017.
2. Highest increase in mangrove cover was observed in West Bengal.

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 regarding aquatic ecosystem

1. Neuston are unattached organisms which live at the air-water interface.
2. Periphyton are organisms which remain attached to stems and leaves of rooted plants.
3. Plankton is a group which includes both microscopic plants (phytoplankton) and animals (zooplankton) found in all aquatic ecosystems, except certain swift moving waters.

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

29. Consider the following statements regarding Dissolved oxygen

1. In fresh water the average concentration of dissolved oxygen is 150 times lower than the concentration of oxygen in an equivalent volume of air.
2. With an increase in the temperature of a waterbody, there is an increase in dissolved oxygen in that waterbody.

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

30. Which of the following is/are the components of Biodiversity Heritage Sites?

1. Richness of wild as well as domesticated species or intra-specific categories
2. High endemism
3. Presence of rare and threatened species
4. Species of evolutionary significance

Select the correct answer using the code given below:

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

31. Which of the following are the causes of the Forest fire?

1. Lightning
2. Volcanic eruption
3. Sparks from wheels of trains
4. Clearing of uncultivated land
5. Fires caused by recreational and tourist activities

Select the correct answer using the code given below:

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

32. Consider the following statements regarding Important Bird Areas (IBAs)

1. They are declared by Birdlife International.
2. Forty percent of India's IBAs fall outside the Protected area network.

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