

- (b) Phytoplanktons can be bacteria, protists or single-celled plants.
- (c) They are limited to the uppermost layers of the oceans where light intensity is sufficient for photosynthesis to occur.
- (d) They do not require any inorganic nutrients for growth and reproduction.

19. Consider the following statements

1. National Parks enjoy a greater degree of protection than Wildlife Sanctuaries.
2. Wildlife Sanctuary can be created for a particular type of species.
3. The boundaries of a National Park can be altered by the State Legislature.

Which of the statements given above is/are correct?

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

20. Which of the following Biosphere Reserves is *incorrectly* matched with the state in which it is located?

- (a) Dehang- Dibang - Arunachal Pradesh
- (b) Pachmarhi - Odisha
- (c) Panna - Madhya Pradesh
- (d) Nokrek – Meghalaya

21. Which of the following invasive alien species are found in India?

1. Water Hyacinth
2. Thorn Apple
3. Viper grass

Select the correct answer using the code given below:

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

22. Which of the following is/are Indian biodiversity hotspots?

1. Himalaya
2. Indo-Burma

3. Sundalands
4. The Western Ghats & Sri Lanka

Select the correct answer using the code given below:

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

23. With reference to the Sacred Groves, consider the following statements

1. Invasion by exotic weeds is a threat to the Sacred Groves in India
2. These areas are ecologically significant for the conservation of biodiversity.

Which of the above statements is/are correct?

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

24. Which of the following is/are included in the criteria for a region to qualify as a Biodiversity Hotspot by Conservation International?

1. It should contain at least 3,000 species of vascular plants found nowhere else on Earth.
2. It should have lost at least 50 per cent of its primary native vegetation.

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

25. Which of the following is/are the characteristics of the Climax Community?

1. Compared to the immediate community it has a greater diversity.
2. Individuals in the climax stage are replaced by others of a similar type.

Select the correct answer using the code given below:

- (a) 1 only
- (b) 2 only