

6. With reference to Ecological Succession, consider the following statements:

1. It is the gradual and fairly predictable change in the species composition of a given area.
2. The individual transitional communities are termed seral stages or seral communities.
3. The Succession process starts in an area where no living organisms are there.

Which of the statements given above is/are correct?

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

7. With reference to India State of Forest Report, 2019, consider the following statements:

1. Arunachal Pradesh has the highest forest cover in the country.
2. In terms of forest cover as percentage of geographical area, Mizoram is at the top.
3. Gujarat has shown maximum Mangrove cover increase followed by Maharashtra and Odisha.

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

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

8. With reference to Population Interactions, consider the following statements:

1. In Commensalism, one species is harmed whereas the other is unaffected.

2. In Amensalism, one species is benefitted and the other is neither benefitted nor harmed.
3. The cattle egret and grazing cattle in close association is a classic example of Amensalism.

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

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

9. With reference to ecads (also known as ecophenes), consider the following statements:

1. Ecad is a population of individuals which although belong to the same genetic stock, but differ markedly in size, shape and number of leaves.
2. Ecads show phenotypic plasticity.

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

10. Which of the following measures can be taken for the reclamation of acidic soils?

1. Liming of soil
2. Addition of ammonium chloride
3. Enriched farmyard manure
4. Planting apple, rice or blueberries

Select the correct answer using the code given below:

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