

3. Estuaries create a natural barrier that absorbs the energy of the waves and prevents them from flooding cities.

Which of the above statements is/are correct?

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

**34.** Which of the following are the abiotic components of Ecosystem?

- 1. Volcanoes
- 2. Forest Fires
- 3. Earthquakes
- 4. Sunlight

Select the correct answer using the code given below:

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

**35.** Which of the following statements regarding biofertilizer is/are **incorrect**?

- 1. Biofertilizer is a substance which contains living microorganisms.
- 2. Biofertilizers add nutrients through the natural processes of fixing atmospheric nitrogen.
- 3. Biofertilizers decrease phosphorus uptake by solubilizing and releasing unavailable phosphorus.

Select the correct answer using the code given below:

- (a) 2 and 3 only
- (b) 1 and 2 only
- (c) 3 only
- (d) None of the above

**36.** Which of the following statements is/are correct regarding Ecological Pyramids?

- 1. The pyramid of number is upward in the forest ecosystem.
- 2. The pyramid of biomass is inverted in aquatic ecosystem.
- 3. Pyramid of number is inverted in grassland ecosystem.

4. Pyramid of biomass is upright in grassland ecosystem.

Select the correct answer using the code given below:

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

**37.** Consider the following statements regarding Ecosystems:

- 1. It is defined as a structural and functional unit of Biosphere.
- 2. Everything that lives in an ecosystem is dependent on the other species
- 3. It consists of community of living beings only.

Which of the above statements is/are correct?

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

**38.** Consider the following pairs:

- 1. Producers - Autotrophs
- 2. Primary Consumers - Herbivores
- 3. Decomposers - Saprotrophs

Which of the above pairs are correctly matched?

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

**39.** Consider the following statements regarding Food Chain and Food Web:

- 1. A food chain represents only one part of the food or energy flow through an ecosystem.
- 2. Food web is a connection of multiple food chains whereas Food chain is a linear sequence of organisms.

Which of the above statements is/are correct?

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