

## Environment

### Class Test-1

**Q1.** Consider the following statements and select the correct code.

1. Biosphere reserves are the most comprehensive protected areas.
2. Hotels and Resorts can be established in eco-sensitive zones under regulation
3. Core zones are present in Biosphere Reserve only.

Code:

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

**Q2.** Consider the following statements and select the correct code.

1. The essential component of Lichens is algae.
2. Sere is the process through which vegetation is established in an area.
3. Pine is an example of opportunist species.

Code:

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

**Q3.** Which of the following statements is incorrect?

- (a) Keystone species are responsible for maintaining the structure of the ecosystem.
- (b) Identification of an ecosystem can be based on Indicator species only.
- (c) Flagship species are symbolic in nature.
- (d) Umbrella species can be Flagship species.

**Q4.** Which of the following is the correct order of decreasing ecological productivity?

- (a) Swamps, Coral Reefs, River estuaries, Ocean
- (b) Coral Reefs, Ocean, River estuaries, Swamps
- (c) Ocean, Coral Reefs, River estuaries, Swamps
- (d) Coral Reefs, Swamps, River estuaries, Oceans.

**Q5.** Consider the following statements and select the correct code.

1. Ecological Footprint is the measure of amount of biological productive land and water needed to supply a population with renewable resources it uses

and to absorb or dispose of the water from such resource use.

2. Water Footprint of an individual, community or business is believed to be total volume of freshwater used to produce goods and services consumed by the individual or community or produced by the business

Code:

- |             |                       |
|-------------|-----------------------|
| (a) 1 and 2 | (b) Only 1            |
| (c) Only 2  | (d) None of the above |

**Q6.** Consider the following statements and select the correct code.

1. Mutual interaction between biotic and abiotic components is responsible for determining genetic and species diversity.
2. Viruses, Fungus, Bacteria and Algae are responsible for decomposition of dead plants and animals.

Code:

- |             |                       |
|-------------|-----------------------|
| (a) 1 and 2 | (b) Only 1            |
| (c) Only 2  | (d) None of the above |

**Q7.** Which one of the following statements related to ecotone is incorrect?

- (a) It is an area of competition and transitional zone.
- (b) This region witnesses the phenomenon of edge effect.
- (c) Mangrove can be considered as ecotone but an estuary cannot.
- (d) Mangrove vegetation provides habitat for organisms that can survive in water and on land.

**Q8.** Which one of the following statements related to chemosynthesis is incorrect?

- (a) This process is responsible for generation of organic matter.
- (b) Ecological productivity enhances through chemosynthesis.
- (c) This process can be performed by Algaes.
- (d) This process does not require solar radiation