

Q1. Ecotone is best defined as:

- a) the most extensive ecosystem unit which is convenient to designate.
- b) the vegetation community developed at the last stage of biotic succession.
- c) transition area between two biomes.
- d) None of the above.

Q2. Consider the following statements:

- 1. The area recorded as forests in the government records is called forest cover.
- 2. A forest cover may or may not be a part of a forest area.

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

Q3. The development of vegetation community in any ecosystem is affected by:

- 1. sunlight
- 2. soil texture
- 3. relief
- 4. human

Select the correct answer using the codes given below.

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

Q4. Which of the following is responsible for maximum GHGs emission?

- a) Industrial processes
- b) Agriculture
- c) Thermal power stations
- d) Transportation fuels

Q5. Persistent organic pollutants (PoPs) are harmful for health and environment because:

- 1. they are resistant to environmental degradation.
- 2. they can undergo bioaccumulation.
- 3. they can cause global warming.

Select the correct answer using the codes given below.

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

Q6. The brown haze dome formed in cities is because of which gas?

- a) sulphur dioxide.
- b) nitrogen oxide.
- c) carbon dioxide.
- d) volatile organic compounds (VOCs).

Q7. When acid rain falls on buildings made of marble, what is the final product that flakes off easily?

- a) calcium carbonate
- b) gypsum
- c) dolomite
- d) epsom

Q8. With reference to ecosystem stability, consider the following statements:

- 1. A diverse and complex ecosystem is more stable.
- 2. Ecosystem stability increases with decrease in number of links in the food web.

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

Q9. Water in a wetland can be:

- 1. Fresh
- 2. Brackish
- 3. Static

Select the correct answer using the codes given below.

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

Q10. Which of the following is/are part of the biosphere?

- 1. water
- 2. soil
- 3. plants

Select the correct answer using the codes given below.

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

Solutions

S1. Ans.(c)

S2. Ans.(b)

S3. Ans.(d)

S4. Ans.(c)

S5. Ans.(a)

S6. Ans.(b)

S7. Ans.(b)

S8. Ans.(a)

S9. Ans.(d)

S10. Ans.(d)

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