

**5. Bioaugmentation**

Which of the techniques given above are in-situ?

- a) 1, 2 and 5 only
- b) 1, 4 and 5 only
- c) 2, 3 and 4 only
- d) 1, 2, 3, 4 and 5

Q6. With reference to National Board for Wildlife, consider the following statements:

- 1. It has been constituted under the Wildlife Protection Act, 1972.
- 2. It is headed by the Minister of Environment, Forest and Climate Change.
- 3. Its recommendations are binding on the Union Government.

Which of the statements given above is/are correct?

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

Q7. The Special Report on the Ocean and Cryosphere in a Changing Climate was recently released by

- a) Germanwatch
- b) International Union for Conservation of Nature
- c) World Bank
- d) UN Intergovernmental Panel on Climate Change

Q8. Permafrost, the perennially frozen soil in high latitude and altitude regions, has exhibited increased thawing due to global warming. Which of the following may be its consequences?

- 1. It may lead to a positive feedback loop.
- 2. It may pose a threat to local ecosystems.
- 3. It may cause damage to local infrastructure.

Which of the statements given above is/are correct?

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

Q9. Consider the following Green House Gases (GHG):

- 1. Methane
- 2. Carbon dioxide
- 3. Nitrous Oxide
- 4. Sulphur hexafluoride

Which of the sequence given below is correct with reference to the increasing global warming potential (in a time horizon of 20 years)?

- a) 1-2-3-4
- b) 2-1-3-4
- c) 4-3-2-1
- d) 3-1-2-4

Q10. Consider the following description:

The gas is a lung irritant that can lead to an acute respiratory disease in children, is toxic to living tissues, harmful to various textile fibres and metal. It produces an irritant red haze in the traffic and congested places.

Which gas is being described in the above description?

- a) Sulphur dioxide