

Q.14) In the context of Styrene, consider the following statements:

1. It is a raw material used in the making of plastics.
2. It can be stored in liquid form as it doesn't vaporize easily.
3. It is non-toxic to human beings.

Which of the statements given above is/are correct?

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

Q.15) With reference to recently launched Drinking Water Supply Quality Management System consider the following statements:

1. The system outlines the process of water supply from raw water sources to household taps.
2. Its main focus is on ensuring uniform water supply only in urban areas.
3. It does not mention how water utilities should treat water.
4. This system is launched by Ministry of Jal Shakti.

Which of the statements given above is/are correct?

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

Q.16) With reference to Wolbachia, consider the following statements:

1. It is a genus of intracellular bacteria that infects mainly arthropod species.
2. It is not naturally found in the dengue causing *Aedes aegypti* mosquito.
3. Once transmitted to humans, Wolbachia becomes fatal to health.

Which of the statements given above is/are correct?

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

Q.17) With reference to pollution caused by Petrol and Diesel, which of the following statements is/are correct?

1. Petrol engine emits higher amount of NO_x as compared to diesel engine.
2. Diesel engine produces more particulate matter containing sulphurous compounds as compared to petrol engine.
3. BS-VI will reduce the NO_x in petrol engine by 70% and in diesel engine by 25%.
4. Selective catalytic reduction technology is used to reduce SO_x from diesel engines to water and oxygen.

Select the correct answer using the code given below:

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