

Q.24) Which of the following microorganisms serve as nitrogen fixing organisms for plants?

1. Azotobacter
2. Nostoc
3. Clostridium
4. Rhizobium

Select the correct answer using the code 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

Q.25) Consider the following pairs:

<i>Measures</i>	<i>Features</i>
1. Pyrolysis	Combustion of waste in excess of oxygen
2. Cogeneration	Excess heat energy from electricity generation is used in other manufacturing processes
3 Gasification	Combustion of waste in absence of oxygen

Which of the pairs given above is/are correctly matched?

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

Q.26) With reference to guidelines on sand mining in India, consider the following statements:

1. Mines and Minerals (Development and Regulation) Act, 1957 empowers the state governments to make rules to prevent illegal mining.
2. The Enforcement and Monitoring Guidelines for Sand Mining, 2020 prohibits river bed mining during the monsoon period.

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

Q.27) With reference to the Environmental Impact Assessment (EIA), consider the following statements:

1. The appraisal of projects is done by the Central Government only.
2. Public Consultation is necessary for all the projects.
3. The draft Environmental Impact Assessment, 2020 provides for ex post facto clearance for projects.

Which of the statements given above is/are correct?

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