Sewage

A. Choose the correct answer

1. What is the primary purpose of a sewage system?

A) To store rainwater
B) To transport and treat wastewater
C) To increase water pollution
D) To supply drinking water

2. Which of the following is a component of sewage?

A) Clean drinking water
B) Wastewater from homes and industries
C) Pure oxygen
D) Packaged food

3. Which of the following processes is used in sewage treatment plants to remove solid waste?

A) Filtration
B) Sedimentation
C) Evaporation
D) Photosynthesis

B. Fill in the Blanks

1. Sewage consists of liquid and solid _____ from households, industries, and other sources.
2. The process of removing contaminants from wastewater before releasing it into the environment is called _____ treatment.
3. The underground network of pipes used to transport sewage to treatment plants is known as a _____ system.

C. Case Study

A city faced a serious problem of water pollution due to untreated sewage being discharged into a nearby river. Over time, people in the area started experiencing waterborne diseases like cholera and dysentery. The municipal corporation decided to take action by setting up a sewage treatment plant. After implementing the plant, the quality of river water improved, and cases of waterborne diseases reduced significantly.

Questions & Answers:

1. What was the major issue faced by the city due to untreated sewage?
2. How did the municipal corporation address the problem?
3. What are the potential health risks associated with sewage pollution?
4. Why is sewage treatment necessary before discharging wastewater into natural water bodies?

D. Short Answer Questions:

1. What is sewage, and where does it come from?
2. How does sewage pollution affect aquatic life?
3. What are some common methods used for sewage treatment?

E. Long Answer Questions:

1. Explain the different stages of sewage treatment and their importance in maintaining environmental hygiene.
2. Discuss the impact of improper sewage disposal on public health and the environment.
3. Describe how modern sewage treatment systems help in sustainable water management.