

Chapter: Waste Water story

Subtopic: Water Freshens Up - An Eventful Journey

Section 1:

1. Fill in the blank and complete the sentences.

(i) A network or transport system consisting of sewers is called _____.

(ii) Sewerage consists of manholes that are located at every _____ to _____ meters.

2. Three statements are provided here which define the terms – (a) sludge (b) sewage and (c) wastewater. Pick out the correct definition for each of these terms.

(a) The settled solids that are removed in wastewater treatment with a scraper.

(b) Water from kitchen used for washing dishes.

(c) Wastewater released from homes, industries, hospitals and other public buildings.

3. Mark 'T' if the statement is true and 'F' if it is false:

(i) The manholes are installed at a point where two or more sewers intersect or change their directions. []

(ii) After proper sewage treatment, wastewater can be used for agriculture. []

Chapter: Waste Water story

Subtopic: Water Freshens Up - An Eventful Journey

4. Multiple choice questions:

a. The system of a network of pipes used for taking away wastewater from homes or public buildings to the treatment plant is known as

- | | | | |
|-------|------------------|---|----------------------|
| (i) | sewers | - | <input type="text"/> |
| (ii) | sewerage | - | <input type="text"/> |
| (iii) | transport system | - | <input type="text"/> |
| (iv) | treatment plant | - | <input type="text"/> |

b. Water polluted by various human activities causes a number of water borne diseases. Which of the following is not a water borne disease?

- | | | | |
|-------|-----------|---|----------------------|
| (i) | Cholera | - | <input type="text"/> |
| (ii) | Typhoid | - | <input type="text"/> |
| (iii) | Asthma | - | <input type="text"/> |
| (iv) | Dysentery | - | <input type="text"/> |

Section 2:

5. Animal waste, oil and urea are some of the organic impurities present in sewage. Name two more organic impurities present in sewage.

Chapter: Waste Water story

Subtopic: Water Freshens Up - An Eventful Journey

6 Name four diseases that can be caused by an improper drainage system.

a. _____

b. _____

c. _____

d. _____

7 In a city, there are separate pipes for disposing sewage and storm water. Why is this necessary?

8 Which pipes should be bigger-those used for sewage disposal or those used for storm water disposal? Why?

Chapter: Waste Water story

Subtopic: Water Freshens Up - An Eventful Journey

Section 3:

- 9 Name two alternative arrangements for sewage disposal where there is no sewerage system.

- 10 The terms sewage, sewers and sewerage are interlinked with each other. Can you explain, how?
