

Chapter 18

MULTIPLE CHOICE QUESTIONS

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|--------|---------|--------|--------|
| 1. (d) | 2. (a) | 3. (c) | 4. (d) |
| 5. (c) | 6. (a) | 7. (b) | 8. (c) |
| 9. (d) | 10. (a) | | |

VERY SHORT ANSWER QUESTIONS

11. It is so because they create unsanitary and unhygienic conditions.
12. (a) False (**Hint:** Write 'liquid' in place of 'solid').
(b) True
(c) True
(d) False (**Hint:** Write 'low' in place of 'high').
13. In the unhygienic conditions of open drains, flies, mosquitoes, and other insects breed and spread a number of diseases.

SHORT ANSWER QUESTIONS

14. Nitrates, Phosphates, Metals (any two).
15. Pesticides, herbicides, fruits and vegetable waste (any two).
16. (i) Septic tanks (ii) Composting pits
17. No, one must always put the waste in a nearby dustbin or carry it until a proper place to dispose it of is found. Waste, not properly disposed may go into the drains and choke them. It also makes public places dirty and unhygienic.
18. (a) Used tea leaves may choke the drain-pipe of the sink.
(b) Cooking oil and fats can harden and block the pipes.
19. (a) (ii); (b) (iv); (c) (i); (d) (iii)
20. Correct sequence – (c), (e), (d), (b), (a).

21. (a) sludge (b) wastewater (c) sewage
22. (x) sewage
(a) nitrates, phosphates and metal
(b) phosphorus and nitrogen

LONG ANSWER QUESTIONS

23. (i) Inorganic impurities – nitrates, phosphates and metals.
(ii) Organic impurities – fruit and vegetable wastes, oil, urea, human faeces, animal waste, pesticides and herbicides.
24. **Hint:**
(i) Sewage – mixture of wastewater coming out of homes and other places.
(ii) Sewers – pipes which carry sewage.
(iii) Sewerage – network of sewage carrying pipes.
25. large, water, ground, ground, handpumps, water, cholera.
26. **Hint:** See pages 223 and 224 of Chapter 18 of NCERT Science textbook for Class VII.
27. **Hint:** Some points are given here, you can add more.
(i) Do not throw used tea leaves, solid food remains, etc. in the drain. Throw them in the dustbin.
(ii) Chemicals like medicines, paints, insecticides, etc. should not be thrown in the drain, as they increase the pollution load of the sewage.