EXEMPLAR PROBLEMS

# Chapter 18

#### MULTIPLE CHOICE QUESTIONS

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.