

## Chapter 5

### MULTIPLE CHOICE QUESTIONS

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

### VERY SHORT ANSWER QUESTIONS

11. **Hint:** Milk at higher temperature would dissolve more sugar so Ravi would win the game.
12. (i) hand picking; (ii) grains; (iii) sieving; (iv) sedimentation; (v) solid, liquid.
13. (a) False (b) True  
(c) True (d) True  
(e) True (f) True

### SHORT ANSWER QUESTIONS

14. **Hint:** Winnowing. This method is based on the principle that the lighter particles are carried away by the wind.
15. (a) – (iii) (b) – (iv)  
(c) – (v) (d) – (ii)  
(e) – (i)

### LONG ANSWER QUESTIONS

16. **Hint:**
- (a) They will mix salt with water to make salt solution.
- (b) Mohan's solution would be saturated because in Mohan's

case some salt would remain undissolved and settle at the bottom of the glass.

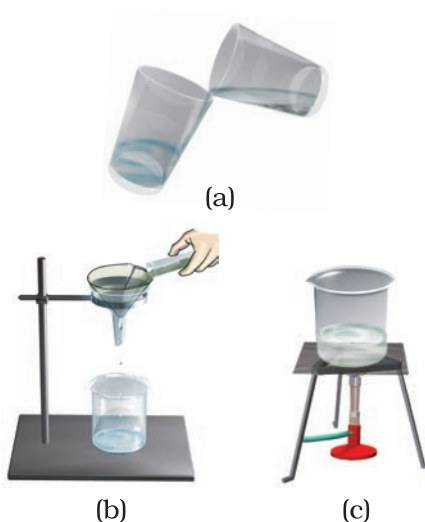
17. **Hint:**

- (i) Filtration using muslin cloth.
- (ii) Swirl with alum and leave water undisturbed for some time.
- (iii) Decantation.
- (iv) Boil for 10 minutes in covered pan.
- (v) Cool, filter and now it is fit for drinking.

18. (i) happy  
(ii) Sun  
(iii) threshed  
(iv) winnowed  
(v) handpicked  
(vi) sieved

They got a good price as they used appropriate methods of separation to get good quality of flour.

19. **Hint:**



- (a) Decantation – to separate oil

- (b) Filtration – to separate sand
- (c) Evaporation – to separate salt

20. **Hint:**

- (a) Iron nails – hand picking/magnet
- (b) Oil – decantation
- (c) Salt, water – evaporation and condensation