

## Chapter 15

### MULTIPLE CHOICE QUESTIONS

1. (d)            2. (c)            3. (d)            4. (b)  
5. (a)            6. (a)            7. (c)            8. (c)

### VERY SHORT ANSWER QUESTIONS

9. (a) True  
(b) True  
(c) False, air also helps in the flight of birds and aeroplanes.  
(d) False, it does occupy space.
10. Flute, shahnai, harmonium.
11. (a) WINDMILL (b) OXYGEN  
(c) SMOKE (d) DUST
12. (a) Oxygen and nitrogen together make up 99 per cent of the air.  
(b) Aquatic animals use dissolved air for respiration.  
(c) Air in motion is called wind.

### SHORT ANSWER QUESTIONS

13. (a) wind            (b) mixture            (c) direction  
(d) cylinders
14. (a) Mask  
(b) To save himself from dirt/polluted air.  
(c) Air quality of the place is not good. It is due to the smoke and gases emitted by the automobiles along with dust particles present in the air.

15. Air dissolved in water starts escaping in the form of tiny bubbles due to heat from the sun.
16. (a)– (iv); (b)– (iii); (c)– (v); (d)– (i); (e)– (ii)

### LONG ANSWER QUESTIONS

17. **Hint:**
- (a) Lack of air movement.
  - (b) Shows the latest direction of the wind.
  - (c) Even the so called empty glass is not infact empty. It is filled with air.
  - (d) You may inhale dust if present in air which may prove harmful.
18. **Hint:**
- (a) There will be no life on earth.
  - (b) Things will burn very fast.
  - (c) The plants will not be able to prepare their food and hence there will be no life on earth.
19. (a) Tiny bubbles appeared due to the evolution of air dissolved in water.
- (b) No, tiny bubbles will not appear as there is no dissolved air in this water.
20. The road side plants had probably some dust and soot deposited on them and thus appeared dull.