

Chapter – 4
AIR
Worksheet - 2

Choose the correct option:

1. Which gas released in the atmosphere creates a greenhouse effect trapping the heat?
(a) Carbon dioxide
(b) Oxygen
(c) Nitrogen
(d) All of these

2. Excess amount of CO₂ is responsible for
(a) global cooling
(b) global warming
(c) both (a) and (b)
(d) none of these

3. What are the important objects for survival of plants and animals?
(a) Rainfall
(b) Sun light
(c) Oxygen
(d) All of these

4. Which one of the following gases is present in the atmosphere in the highest amount?
(a) Oxygen
(b) Carbon dioxide
(c) Nitrogen
(d) Lithium

5. Which gas is used by the green plants to make their food?
(a) Oxygen
(b) Carbon dioxide
(c) Nitrogen
(d) None of these

6. Which is the important gas used by human beings for breathing?
- (a) Nitrogen
 - (b) Carbon dioxide
 - (c) Oxygen
 - (d) Sodium chloride
7. When the air is heated it becomes
- (a) Lighter?
 - (b) Heavier?
 - (c) Colder?
 - (d) None of these
8. What is the average height of the troposphere?
- (a) 3 km
 - (b) 6 km
 - (c) 9 km
 - (d) 13 km
9. As we go up in troposphere layer of the atmosphere the pressure
- (a) increases
 - (b) decreases
 - (c) no change
 - (d) all of these
10. Which one of the following gases protects us from harmful sun's rays?
- (a) Ozone
 - (b) Nitrogen
 - (c) Carbon dioxide
 - (d) Oxygen

Answer the following Questions.

11. How is nitrogen present in atmosphere used by plants?
12. Which is the second most plentiful gas in the atmosphere?
13. Explain how the oxygen and carbon dioxide balance is maintained in air?
14. Explain the circulation of air in atmosphere.
15. Discuss the structure of the atmosphere.

- 16.** Which layer the most suitable conditions for flying aeroplanes?
- 17.** Briefly write about thermosphere?
- 18.** Define the term climate.
- 19.** Name different types of weather measuring instruments.
- 20.** What is temperature? What is insolation?