

Science Worksheet Class VII
Respiration in Organisms

1. Fill in the blanks:
 - a. The number of times a person breathes in a minute is called _____.
 - b. The living organism carrying out aerobic respiration are called _____.
 - c. The trachea branches into two thinner tubes called _____.
 - d. Alcohol is formed in _____ respiration.
2. Why do we yawn when we are sleepy?
3. Can respiration take place in absence of oxygen?
4. Name any two parts of the plant through which exchange of gases take place during respiration.
5. What do you mean by Vital Capacity? What is vital capacity of a normal man?
6. Why do we respire?
7. What happens to the air we breathe in?
8. Differentiate between aerobic and anaerobic respiration.
9. Explain similarities between aerobic and anaerobic respiration.
10. Why human breathing mechanism is called tidal breathing?
11. Humans use yeast every day. What is yeast?
12. Explain respiration in yeast.
13. Why does an athlete breathe faster and deeper than usual after finishing the race?
14. Why do we often sneeze when we inhale a lot of dust-laden air?
15. Why mountaineers carry oxygen with them?
16. Why we get muscle cramps after heavy exercise?
17. Write short notes on inhalation.
18. Write short notes on gills.
19. Do the plants also respire?
20. How do we breathe?
21. What role does hair present in nasal cavity play in the process of respiration?
22. What is the total percentage of oxygen and carbon dioxide in inhaled air and exhaled air?