

1. What are the functions of following:
2. Give reasons why one should not talk while eating.
3. What is the effect of altitude on breathing?
4. With regard to the respiratory system and the process of respiration in man, answer the following questions:
 - (i) Name the two muscles that help in respiration.
 - (ii) Briefly describe how the above mentioned muscles help in the inspiration of air.
 - (iii) Give the overall chemical equation to represent the process of respiration in man.
 - (iv) What is meant by (a) Residual air (b) Dead air space
5. Given below are certain functional activities of specific structures in the body of living organisms. Name the structure responsible for the same.
 - a) Prevents food from entering the trachea during swallowing.
 - b) Transfers impulses from inner ear to brain.
 - c) Initiates cell division in animal cells.
 - d) Helps to change the focal length of the eye lens.
 - e) Transports oxygen to the cells of the human body.
 - f) Helps to increase the volume of the chest cavity lengthwise.
6. Give similarities and differences between plant respiration and animal respiration.
7. How spreading of mosquitoes can be controlled to maintain social hygiene?
8. Give the causative agent of following diseases:
 - a) Amoebic dysentery
 - b) Yellow fever
 - c) Cholera
9. Explain how housefly spread the germs from place to place?
10. Define vector, how housefly is economically important?
11. How a person can maintain his or her personal hygiene, explain
12. Explain how housefly can be eliminated?
13. What is significance of proper sleep?
14. Name the substance that cause tooth disorder.
15. How Hepatitis B and C are transmitted?
16. How cockroaches and rats are harmful to humans?