

Respiration

A.

1. The presence of oxygen is essential for:
 - a. Aerobic respiration
 - b. Anaerobic respiration
 - c. Photosynthesis
 - d. Digestion

2. The tiny air sacs present in lungs are called:
 - a. Alveoli
 - b. Bronchi
 - c. Bronchioles
 - d. Larynx

3. The air inhaled is cleaned:
 - a. By the cilia present in the nose
 - b. By trachea
 - c. By the cartilage in the nose
 - d. By the mouth

4. In lungs, the exchange of gases takes place through:
 - a. Bronchi
 - b. Trachea
 - c. Nose
 - d. Alveoli

5. Which one of the following is not a part of respiratory system?
 - a. Trachea
 - b. Alveoli
 - c. Bronchioles

- d. Valves
6. Which one of the following cells carries oxygen?
- a. Red blood cells
 - b. White blood cells
 - c. Platelets
 - d. Plasma
7. The wind pipe is made up of cartilage and not bones because:
- a. It is elastic and hence prevents collapsing
 - b. It is hollow
 - c. It connects the nose and bronchi
 - d. It connects the trachea and alveoli
8. In which tube does air travel from your nose or mouth towards the lungs?
- a. Artery
 - b. Trachea
 - c. Capillary
 - d. Vein
9. During heavy exercise, we get cramps in the legs due to the accumulation of:
- a. Carbon dioxide
 - b. Lactic acid
 - c. Alcohol
 - d. Water
10. Where does respiration begin in your body?
- a. Lungs
 - b. Nose
 - c. Mouth
 - d. Stomach

11. A large, muscular sheet that forms the floor of the chest cavity is called the:

- a. Rib cage
- b. Oesophagus
- c. Diaphragm
- d. Spleen

12. During inhalation, the ribs:

- a. Move outwards
- b. Move downwards
- c. Move upwards
- d. Do not move at all

13. Yeast is an example of a/an:

- a. Aerobic organism
- b. Anaerobic organism
- c. Parasitic organism
- d. Heterotrophic organism

14. Insects have a network of air tubes for gas exchange, called the:

- a. Tracheae
- b. Lungs
- c. Gills
- d. Spiracles

15. The process of breakdown of food with release in energy in the cell is called:

- a. Energy release
- b. Breathing
- c. Cellular respiration
- d. Inhalation

16. Fishes respire with the help of:

- a. Tracheae
- b. Lungs
- c. Gills
- d. Spiracles

B. Fill in the blanks.

1. The substance present in blood that transports oxygen is called _____.
2. The blood in our body is oxygenated by the organs known as _____.
3. The process of drawing air into lungs is called _____.
4. The process of breathing starts in the nose or _____.
5. In the bell jar experiment the deflation of balloons indicate the process of _____.