

## 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 \_\_\_\_\_.