

CLASS XI
BREATHING AND EXCHANGE OF GASES
WORKSHEET- 1

- 1 Identify the types of respiratory organs in the following organisms.
 - a) Earthworms
 - b) Insects
 - c) Terrestrial organisms
 - 2 Write the function of pleural fluid.
 - 3 Explain how the process of inspiration take place.
 - 4 Define the following:
 - a) Tidal volume
 - b) Residual volume
 - c) Vital capacity
 - d) Total lung capacity
 - 5 What is partial pressure? Write down the partial pressure of oxygen and carbon dioxide at different parts involved in diffusion in comparison to those in atmosphere.
 - 6 With help of a labeled diagram explain the structure of alveolus.
 - 7 What is oxygen dissociation curve? Write its significance.
 - 8 List the factors facilitating the formation of oxyhaemoglobin.
 - 9 Explain how the transport of oxygen occurs?
 - 10 Write the major transport mechanisms of carbon dioxide in our body.
 - 11 How is respiration regulated in our body?
 - 12 What are occupational respiratory disorders?
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