

# Worksheet

## Class-7

### Subject- Science

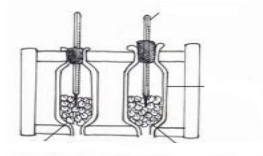
#### Chapter-4 (Respiration)

##### Solve the following questions:

- 1) Define Respiration.
- 2) Describe the Respiration process in short(External + Internal).
- 3) Draw a figure of the respiratory system of human being and describe its different parts.
- 4) Proof Energy Production in Respiration through an experiment.
- 5) Write down the Symptoms, Remedy and Prevention of the following diseases:
  - i. Tuberculosis
  - ii. Pneumonia
  - iii. Bronchitis
  - iv. Asthma

##### Sample Creative Questions To Solve

1. Our chest continuously expands and shrinks. We inhale oxygen and exhale carbon dioxide. We often mean breathing as respiration. Breathing is in fact one of the steps of respiration.
  - a) What is Diaphragm?
  - b) Why aren't breathing and respiration same thing?
  - c) Describe the process of External Respiration.
  - d) Is there any form of respiration other than external respiration? If any, represent a comparative study between them.
- 2.



- a) What is pleura?
- b) How bronchitis is different from asthma?
- c) Label the above diagram and prove that energy is produced through the above process.
- d) Any disorder of this system is likely to cause disorders of the brain and the heart. Justify the proposition.