

Biology Worksheet Grade VII
Mixed Bag

1. Fill in the blanks:

- a. _____ (inhalation/exhalation) is the first step in breathing.
- b. Plants respire through _____ (gills/lung).
- c. Food chains are simple representations of _____ (energy flow/life and death) in nature.
- d. Green plants are called _____ (primary consumers/ producers).
- e. In animals such as insects, there are several holes called _____ (spiracles/stomata).

2. Write T for true statement and F for the false one. Correct the false statement:

- a. Forests serve as a sink for carbon dioxide given out by plants and animals.
- b. Afforestation results in permanent destruction of forests and woodlands.
- c. Large amounts of greenhouse gases such as carbon dioxide are released into the atmosphere due to deforestation.
- d. Stall-feeding of cattle should be encouraged to prevent overgrazing.
- e. Fire retardants and water bombs are used to prevent illegal logging.

3. Write one word for each of the following:

- a. Process of releasing energy by breakdown of food
- b. Dome-shaped muscle in the chest cavity
- c. The uppermost layer of branches in a forest
- d. The shaded layer of a forest where low light is available

4. Answer the following:

- a. What are pseudopodia?
- b. Explain why there is no waste in a forest?
- c. What is vegetative propagation? Give two examples.
- d. Write the similarities between aerobic respiration and anaerobic respiration.
- e. Draw a neat labelled diagram of spore formation in fungus.
- f. What are the agents of pollination? Name them.
- g. What would happen if forest will disappear from the earth?
- h. Explain how does dispersal of seeds is beneficial to the plants?
- i. a. Define the term excretion.
b. Draw a well labelled diagram of amoeba showing the ingestion of food.
- j. Differentiate between self-pollination and cross pollination of flowers with diagrams.
- k. a. What is transpiration?
b. Why do we often sneeze when we inhale a lots of dust laden air?
c. How does unicellular organisms respire?