

WORKSHEET
CLASS VII
RESPIRATION IN ORGANISMS
MODULE (2/2)

I. Write true or false:

- i. Exchange of gases takes place in plants through leaves only.
- ii. Frogs can breathe through their skin as well as lungs.
- iii. Insects have spiracles on the lower surface of the body.

II. Fill in the blanks with suitable words.

- i. The roots of a plant take up oxygen from the ____ trapped between the particles.
- ii. Exchange of gases in the leaves takes place with the help of ____.
- iii. Cockroaches breathe with the help of air tubes called ____.

III. Pick the odd-one-out from each of the groups given below on the basis of respiratory organs. Give reason for your answer.

- i. Cockroach, grasshopper, snail, ant
- ii. Lizard, cow, earthworm, snake
- iii. Crocodile, whale, dolphin, fish
- iv. Snake, tadpole, crow, goat

IV. Very Short Answer Questions:

- i. In some animals, exchange of gases takes place through its thin and moist skin. Name one such animal.
- ii. Name the respiratory organs in frogs.
- iii. Certain small pores are present on the surface of plant through which gaseous exchange occurs. Identify these pores?

V. Short Answer Questions:

- i. Respiration in fish is different from humans. Explain in brief how fishes can breathe through gills?
- ii. There are three animals named A, B and C. Among them A can stay on land as well as in water. When it stays at land it respire through lungs but when it goes into water, it respire through its moist skin. Animal B has specific organs to respire in the water which is not found in any other water animal. While animal C is a water animal which respire through nostrils and lungs. Now give the name of animal A, B and C.
- iii. Insects and leaves of a plant have pores through which they exchange gases with the atmosphere. Can you write two points of differences between these pores with respect to their position, number and extension into the body?
- iv. Explain the respiratory system in cockroaches.

- v. How does exchange of gases take place in fish? Draw a diagram of breathing organs in fish.
- vi. What is difference between pores present in insects and leaves of a plant?
- vii. Match the names of organisms in column I with their organs of breathing in column II.

Column 1		Column II	
(a)	Butterfly	(i)	Lungs
(b)	Earthworms	(ii)	Gills
(c)	Sparrow	(iii)	Spiracles
(d)	Fish	(iv)	Skin