

# Respiration in Plants

## 1. Fill in the blanks

- A. Leaves contain small pores, called \_\_\_\_\_
- B. Roots get the oxygen from the \_\_\_\_\_ between \_\_\_\_\_
- C. Plants utilize the simple process of \_\_\_\_\_ for respiration.
- D. Photosynthesis happens in \_\_\_\_\_ light and respiration in \_\_\_\_\_ light.

## 2. True or false

- A. In plants each part can independently take in oxygen from the air and give out carbon dioxide.
- B. Like any other organisms, in plants oxygen is used to break down glucose into carbon dioxide and water.
- C. Plants do not have any specific organs for respiration.
- D. Stomata are open during the night and remain closed during the day.

## 3. Match the following:-

Column A	Column B
I. Dark light	A. Photosynthesis > respiration
II. Leaves	B. Photosynthesis < respiration
III. Diffusion	C. Stomata
IV. Bright light	D. Gaseous exchange

**4. Answer the following questions**

- A. Do plants also respire? Explain
- B. Which part of the plants is used for gaseous exchange?
- C. Do roots also need oxygen? If yes, then from where?
- D. What would happen if a potted plant is overwatered?
- E. What is the difference between photosynthesis and respiration?