

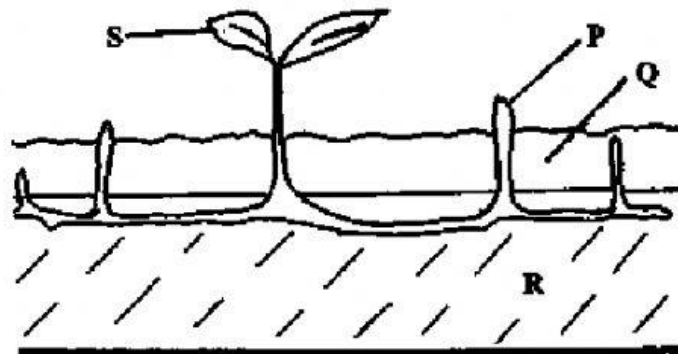
Name: \_\_\_\_\_

# Biology

## Photosynthesis Assignment #1

**Instruction:** Answer the following questions in the spaces provided below.

The diagram shows a black mangrove plant.



1. Which of the structures labelled are involved in photosynthesis? [1]

\_\_\_\_\_

2. Write a **balanced chemical equation** to represent this process. [3]

\_\_\_\_\_

3. Describe how the rate of photosynthesis of the plant is affected by

- a. Light [1]

\_\_\_\_\_

\_\_\_\_\_

- b. Temperature [2]

\_\_\_\_\_

\_\_\_\_\_

4. Name the structure labelled **P** and state how its function is related to the growth of the plant. [3]

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