

TEST PAPER 1

CLASS VII

SCIENCE

CHAPTER 1

TIME- 30 MIN

TOTAL MARKS- 20 marks

Q.1. Multiple choice questions- Choose the correct option from the following: (2 marks)

(a) Which part of the plant takes in carbon dioxide from the air for photosynthesis?

- (i) Root hair (ii) Stomata
(iii) Leaf veins (iv) Petals

(b) The plant which traps and feeds on insects is:

- (i) Cuscuta (ii) china rose
(iii) pitcher plant (iv) rose

Q.2. Mark 'T' if the statement is true and 'F' if it is false: (3 marks)

- (i) Carbon dioxide is released during photosynthesis. (T/F)
(ii) Plants which synthesise their food are called saprotrophs. (T/F)
(iii) The product of photosynthesis is not a protein. (T/F)

Q. 3. Name the following: (3 marks)

- i) A parasitic plant with yellow, slender and branched stem.
ii) A plant that is partially autotrophic.
iii) The pores through which leaves exchange gases.

Q. 4. Fill in the blanks: (2 marks)

- (a) In photosynthesis solar energy is absorbed by the pigment called _____.
(b) During photosynthesis plants take in _____ and release _____ gas

Q. 5. How would you test the presence of starch in leaves? (3 marks)

Q. 6. Distinguish between a parasite and a saprophyte. (2 difference) (2 marks)

Q. 7. Photosynthesis is represented by a equation.

Write the Photosynthesis equation :

(2 marks)

Q. 8. Show with the help of a sketch that plants are the ultimate source of food. (3 marks)