



JAMMU SANSKRITI SCHOOL, JAMMU
LEARN FOR LIFE
ASSIGNMENT FOR THE MONTH OF AUGUST
SESSION (2024-25)



CLASS: 7TH

SUBJECT: SCIENCE

(A) Multiple choice questions

1. Opening and closing of stomata is done by.....
 - a) epidermal cells
 - b) guard cells
 - c) stem cells
 - d) chlorophyll
2. The S.I unit of speed is.....
 - a) m/s
 - b) m/hr
 - c) min/h
 - d) km/s
3. When a body moves in a straight line then the motion is called as.....
 - a) circular motion
 - b) rectilinear motion
 - c) curvilinear motion
 - d) fast motion

(B) Fill in the blanks:

1. Plants have..... mode of nutrition.
2. The distance covered in a unit time is called the.....
3. Rhizobium bacteria provides.....to the leguminous plants.
4. An object moving along a straight path with a constant speed is said to be in.....motion..

(C) Very short Answer Questions:

1. How can you decolourise a leaf?
2. Define odometer ?
3. What is saprotrophic nutrition ?

(D) Answer the questions briefly :

1. Define the following terms:

- a. autotrophic nutrition
- b. Parasitic nutrition

2. What is the speed of a moving object? How can it be measured?

(E) Numerical problems:

- 1. A simple pendulum takes 38 seconds to complete 20 oscillations. Find the time period of this pendulum.**
- 2. If a car travels 216 kilometers in 4 hours . Calculate its speed.**

(F) ASSERTION AND REASON:

The question below consists of an assertion and a Reason. Use the following key to choose the appropriate answer.

- (a) Both A and R are true and R is the correct explanation of A.**
- (b) Both A and R are true but R is not the correct explanation of A.**
- (c) A is true but R is false.**
- (d) A is false but R is true.**

Q.1. Assertion (A) : Plants make their food themselves and are called autotrophs.

Reason (R) : Human beings and other animals depend on plants for their food.

Q.2. Assertion (A) : The green pigment present in the leaves of plants is called chlorophyll.

Reason (R): This green pigment is responsible for the green colour of most of the plants.