

6 RRegister No. **First Term Exam - 2025**

Time : 2.30 Hours

SCIENCE

Marks : 60

I. Choose the best answer**15x1=15**

1. The height of a tree can be measured by
(metre scale, plastic roller, metre rod, measuring tape)
2. SI unit of time is ____ (metre, kilogram, second, cubit)
3. Unit of speed is ____ (m, s, kg, m/s)
4. The correct relation among the following is
(Speed = distance × time Speed = distance / time
Speed = time/distance Speed = 1/(distance × time))
5. ____ is not made of matter.
(Gold ring, Iron nail, Light ray, Oil drop)
6. ____ is essential for perform winnowing activity.
(Rain, Soil, Water, Air)
7. The important function of stomata is ____
(conduction, transpiration, photosynthesis, absorption)
8. Organ of absorption is ____ (root, stem, leaf, flower)
9. Lizards breath through their ____ (skin, gills, lungs, trachea)
10. Paramecium move from one place to other with the help of ____
(pseudopodia, flagella, foot, cilia)
11. Kangaroo rat lives in ____ (aquatic habitat, desert habitat, grassland habitat, mountain habitat)
12. Our body needs ____ for muscle building.
(carbohydrate, fat, protein, water)
13. Bacteria are very small ____ microorganism.
(prokaryotic, eukaryotic, protozoa, acellular)
14. Who is the father of computer
(Martin Luther King, Graham Bell, Charlie Chaplin, Charles Babbage)
15. Pick out the odd one (Calculator, Abacus, Flash card, Laptop)

II. FILL IN THE BLANKS.**5×1= 5**

1. 5 km = ____ m
2. Motion of a potter's wheel is an example for ____ motion.
3. In solids, the space between the particles is less than in ____.
4. Amoeba moves with the help of ____
5. Iodine deficiency leads to ____ in adults.

III. MATCH THE FOLLOWING.**5×1=5**

- | | | |
|-------------------|---|-----------|
| 1. Mountain | - | Monocot |
| 2. Desert | - | Branches |
| 3. Stem | - | Dry place |
| 4. Photosynthesis | - | Himalayas |
| 5. Fibrous root | - | Leaves |

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IV. ANSWER ANY 10 OF THE FOLLOWING QUESTIONS 10×2= 20

1. Arrange the following units in increasing order.
(1 metre, 1 centimetre, 1 kilometre and 1 millimetre)✓
2. Define measurement✓
3. Differentiate between rotational and curvilinear motion.
4. Define force✓
5. Name different types of motion based on the path✓
6. Why do we separate mixtures?
7. Write the separation method. ✓
a. Iron- sulphur mixture: _____
b. Mustard seeds from Urad-dhal: _____
8. Arrange the following in correct sequence
(leaf - stem - root - flow)
9. Mention few desert plants.
10. a. How does birds catch their prey?
b. Which structure helps the bird to change its direction while flying in air?
11. Complete the following ✓
a. The breathing organ of a fish is known as _____
b. Some living things are made of a single cell, called _____ organism.
12. Write an example for food items rich in fat.
13. Why should fruits and vegetables not be washed after cutting?

V. ANSWER ANY 3 OF THE FOLLOWING QUESTIONS. 3×5= 15

1. Explain any one method you can use to measure the length of a curved line.
2. Give examples

Linear motion	
Curvilinear motion	
Self rotatory motion	Motion of the wheel in a cart
Circular motion	
Oscillatory motion	
Irregular motion	

3. Distinguish the properties of solid, liquid and gases. Draw a suitable diagram.
4. Draw a tap root system and mark primary root, secondary root and tertiary root.
5. Describe the various features which help camel dwell in the desert.
6. Tabulate the vitamins and their corresponding deficiency diseases.