



Standard 6

SCIENCE

Time: 2.00 Hrs.

Marks: 60

I. Choose the correct answer:

$$5 \times 1 = 5$$

- The height of a tree can be measured by _____.
a) metre scale b) metre rod
c) plastic rule d) measuring tape
- _____ is essential to perform winnowing activity.
a) Rain b) Soil c) Water d) Air
- The important function of Stomata is _____.
a) conduction b) transpiration c) photosynthesis d) absorption
- Which animal has the special organs of breathing called gills?
a) Earthworm b) Fox c) Fish d) Frog
- Scurvy is caused due to the deficiency of _____.
a) Vitamin A b) Vitamin B c) Vitamin C d) Vitamin D

II. Fill in the blanks:

$$5 \times 1 = 5$$

- 6) $1\text{m} = \underline{\hspace{2cm}}$ cm.
- 7) Motion of a potter's wheel is an example for motion.
- 8) Matter is madeup of .
- 9) Amoeba moves with the help of .
- 10) Vitamin D deficiency causes .

III. Match the following:

$$5 \times 1 = 5$$

- 11) i) Kilo - Micro processor.
 ii) Gets compressed easily - Monocot
 iii) Desert - Cotton, Wool.
 iv) Fibrous root - 10^3
 v) Fourth generation - Dry place

IV. Complete the given analogy:

$$5 \times 1 = 5$$

- 12) Height of a person : cm : length of your sharpened pencil needle : _____.
- 13) Kicking a ball : Contact force : Falling of leaf : _____
- 14) Solid : Rigidity : Gas : _____.
- 15) Husk - Grains : Winnowing : Saw dust - Chalk piece : _____.
- 16) Vitamin D : Rickets : Vitamin C : _____.

V. State True or False. If false correct the statement:

$$5 \times 1 = 5$$

- 17) A hand span is a reliable measure of length.
- 18) Particles in solids are free to move.
- 19) Air is not compressible.
- 20) Green plants need sunlight.
- 21) Amoeba is a unicellular organism and it moves with pseudopodia.

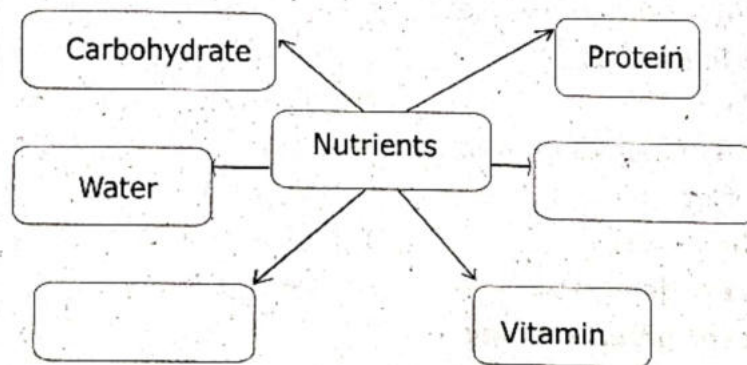
VI. Answer briefly: (Any 10 questions only)

$$10 \times 2 = 20$$

- 22) i) SI unit of mass.
ii) What are the two parts present in a measurement?

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- 23) Define mass.
- 24) Name different types of motion based on the path.
- 25) Differentiate between rotational and curvilinear motion.
- 26) Define force.
- 27) Why do we separate mixtures?
- 28) Define sedimentation.
- 29) Define the term matter.
- 30) Classify the plants on the basis of the habitats.
- 31) Distinguish between terrestrial and aquatic habitats.
- 32) Mention few desert plants.
- 33) **Arrange the following in correct sequence:**
 - i) Leaf - Stem - Root - Flower
 - ii) Transpiration - Conduction - Absorption - Fixation
- 34) Name the locomotory organ of Amoeba.
- 35) Where can we see camels in India?
- 36) **Complete the following:**
 - i) Some living things are made of a single cell, called organism.
 - ii) The breathing organ of a fish is known as _____.
- 37) Mention any two viral diseases.
- 38) Define balanced diet.
- 39) **Complete the diagram:**



- 40) What is a computer?

VII. Answer in detail: (any three only)

3×5=15

- 41) What is motion? Classify its types.
 - 42) Distinguish the properties of solid, liquid and gas.
 - 43) Make a list of the functions of root and stem.
 - 44) Describe the various features which help Camel dwell well in the desert.
 - 45) Tabulate the vitamins and their corresponding deficiency diseases.
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