Standard 6
SCIENCE

Time: 2.00 Hrs.

Marks: 60

I. Choose the appropriate answer: 8×1=8

1) The height of a tree can be measured by
   a) metre scale   b) plastic ruler   c) metre rod   d) measuring tape

2) Unit of speed is
   a) m   b) s   c) kg   d) m/s

3) Among the following _____ is not a mixture.
   a) coffee with milk   b) lemon juice
   c) water   d) icecream embedded with nuts

4) The important function of stomata is _____.
   a) conduction   b) transpiration   c) photosynthesis   d) absorption

5) Paramecium moves from one place to other with the help of _____.
   a) pseudopodia   b) flagella   c) foot   d) cilia

6) Which animal has the special organs of breathing called gills?
   a) Earthworm   b) Fox   c) Fish   d) Frog

7) Beriberi is caused due to the deficiency of _____.
   a) Vitamin C   b) Vitamin B   c) Vitamin A   d) Vitamin D

8) When was the first computer introduced?
   a) 1980   b) 1947   c) 1946   d) 1985

II. Fill in the blanks: 4×1=4

9) SI unit of length is _____.

10) Matter is made up of _____.

11) Primary organs of photosynthesis are _____.

12) Amoeba moves with the help of _____.

III. True or False, If false give correct answer: 4×1=4

13) Iron helps in the formation of haemoglobin.

14) Vehicles moving with varying speeds are said to be in uniform motion.

15) Air is a pure substance.

16) Paramecium is a multi cellular organism.

IV. Analogy: 3×1=3

17) Solid : Rigidity :: Gas : _____

18) Distance : Metre :: Speed : _____

19) Vitamin D : Rickets :: Vitamin C : _____

V. Match the following: 5×1=5

20) Vitamin E   Monocot

21) Length of the fore arm   Charles Babbage

22) Fibrous root   Metal pan

23) Father of computer   Sterility

24) Gets heated readily   Cubit

VI. Give short answer: [Any 8]   8×2=16

25) Define mass.

26) Differentiate between rotational and curvilinear motion.

27) Define the term matter.

28) Mention few desert plants.

29) What are the adaptations seen in different types of Vertebrates?

30) Mention any two viral diseases.

31) Who are thge pioneers / forerunners of computer?

32) Compare the taproot and fibrous root systems.

33) A vehicle covers a distance of 400 km in 5 hour. Calculate its speed.

34) What method will you employ to separate cheese (Paneer) from milk? Explain.

35) Define balanced diet.

36) **Arrange the following in correct sequence;**
Transpiration - Conduction - Absorption - Fixation

VII. Answer in detail: 4×5=20

37) Explain two methods that you can use to measure the length of a curved line.   **(OR)**

Classify different types of motion with examples.

38) i) What is meant by food adulteration?

ii) Why do we separate mixtures?

(OR)

Distinguish the properties of solid, liquid and gas.

39) Make a list of the functions of root and stem.

(OR)

Write the adaptive features of polar bear and penguin.

40) Tabulate the vitamins and their corresponding deficiency diseases.

(OR)

Describe the various features which help camel dwell well in the desert.