



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:

- | | |
|----------------------------|-------------------|
| 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]

8x2=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 the 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:

4x5=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.