



Standard 6

SCIENCE

Time: 2.00 Hrs.

Marks: 60

I. Choose the appropriate answer:

8×1=8

- 1) The girth of a tree can be measured by
 - a) metre scale
 - b) plastic ruler
 - c) metre rod
 - d) measuring tape
- 2) While measuring the length of an object using ruler, the position of your eye should be
 - a) left side of the point
 - b) vertically above the point where the measurement is to be taken
 - c) right side of the point
 - d) any where according to one's convenience
- 3) Unit of speed is
 - a) m
 - b) S
 - c) kg
 - d) m/s
- 4) Seeds from water-melon can be removed by
 - a) hand-picking
 - b) filtration
 - c) magnetic separation
 - d) decantation
- 5) _____ is essential to perform winnowing activity.
 - a) Rain
 - b) Soil
 - c) Water
 - d) Air
- 6) The important function of stomata is _____.
 - a) conduction
 - b) transpiration
 - c) photosynthesis
 - d) absorption
- 7) All animals need
 - a) food and water only
 - b) water only
 - c) air, food and water
 - d) food only
- 8) Who is the father of computer?
 - a) Martin Luther King
 - b) Graham Bell
 - c) Charlie Chaplin
 - d) Charles Babbage

II. Fill in the blanks:

4×1=4

- 9) Motion of a potter's wheel is an example for _____ motion.
- 10) The driest places on the Earth are _____.
- 11) Typhoid is transmitted due to contamination of _____ and water.
- 12) Fifth generation computer has _____ intelligence.

III. True or False. If false give the correct answer:

4×1=4

- 13) The SI - system of units is accepted everywhere in the world.
- 14) Air is a pure substance.
- 15) Amoeba is a unicellular organism and it moves with pseudopodia.
- 16) Plants can live without water.

IV. Match the following:

5×1=5

- | | | |
|---------------|---|-----------------|
| 17) Vitamin A | - | Rickets |
| 18) Vitamin B | - | Night blindness |
| 19) Vitamin C | - | Sterility |
| 20) Vitamin D | - | Beri beri |
| 21) Vitamin E | - | Scurvy |

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V. Complete the analogy:

3×1=3

- 22) i) Solid : Rigidity :: Gas : _____?
 ii) Milk : Volume :: Vegetables : _____?
 iii) Distance : Metre :: Speed : _____?

VI. Answer briefly: [any 8]

8×2=16

- 23) Define measurement.
 24) The distance between two places is 43.65 km. Convert it into metre and cm.
 25) Rotation of the earth is a periodic motion - Justify.
 26) If you are sitting in a moving car, will you be at rest or motion with respect your friend sitting next to you?
 27) Give you main difference between a pure substance and an impure substance.
 28) Why do gases not have fixed shape?
 29) Define the term habitat.
 30) List out the plants present in your school garden.
 31) Mention the features that help a bird to fly in the air.
 32) Why should fruits and vegetables not be washed after cutting?

VII. Answer in details:

4×5=20

- 33) a) Explain two methods that you can use to measure the length of a curved line.
 (OR)
 b) What is motion? Classify different types of motion with examples.
 34) a) Distinguish the properties of solid, liquid and gas.
 (OR)
 b) Make a list of the functions of root and stem.
 35) a) What are the adaptations seen in different types of vertebrates?
 (OR)
 b) Describe the various features which help camel dwell well in the desert.
 36) a) Tabulate the vitamins and their corresponding deficiency diseases.
 (OR)
 b) Explain in detail about the applications of computer.

SIVAKUMAR.M, Sri Ram Matric HSS, Vallam - 627809
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