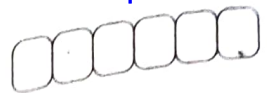


V6S

Virudhunagar District  
Summative Assessment - September 2023



Time: 2.00 Hrs.

Marks: 60

Standard 6  
SCIENCE

8×1=8

## I. Choose the appropriate answer:

- 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 : \_\_\_\_\_

Kindly send me your study materials to [padasalai.net@gmail.com](mailto:padasalai.net@gmail.com)

V6S

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## 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 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:

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.