

V6S

Virudhunagar District
Summative Assessment - September 2024



Standard 6
SCIENCE

Time: 2.00 Hrs.

Marks: 60

I. Choose the correct answer:**5×1=5**

- 1) Which among the following is an oscillatory motion?
 - a) Rotation of the earth about its axis.
 - b) Revolution of the moon about the earth.
 - c) To and fro movement of a vibrating string.
 - d) All of these
- 2) Seeds from water-melon can be removed by _____.

a) hand picking	b) filtration
c) magnetic separation	d) decantation
- 3) Organ of absorption is _____.

a) root	b) stem	c) leaf	d) flower
---------	---------	---------	-----------
- 4) Which animal has the special organs of breathing called gills?

a) Earthworm	b) fox	c) fish	d) frog
--------------	--------	---------	---------
- 5) Bacteria are very small _____ micro organism.

a) Prokaryotic	b) Eukaryotic	c) Protozoa	d) Acellular
----------------	---------------	-------------	--------------

II. Fill in the blanks:**5×1=5**

- 6) SI unit of length is _____.
- 7) In solids the space between the particles less than in _____.
- 8) Primary organs of photosynthesis are _____.
- 9) Amoeba moves with the help of _____.
- 10) Iodine deficiency leads to _____.

III. Match it:**5×1=5**

- | | |
|----------------------------|----------------|
| 11) a) Nano | - Rubber band |
| b) Bends readily | - Himalayas |
| c) Can be stretched easily | - Plastic wire |
| d) Mountain | - Branches |
| e) Stem | - 10^{-9} |

IV. Analogy:**5×1=5**

- 12) Sugar : Beam balance
Lime Juice : _____
- 13) Kicking a ball : Contact force
Falling of leaves : _____
- 14) Iron sulphur mixture : _____
Mustard seeds from Urad-dhal : Rolling
- 15) Solid : Definite shape
_____ : Shape of vessel
- 16) Solid : Rigidity

V6S

2

V. State True or False. If false correct the statement:**5×1=5**

- 17) Ten millimetre makes one centimetre.
- 18) Air is not compressible.
- 19) Plants can live without water. Amoeba is a unicellular organism and its move with Pseudopodia.
- 20) Amoeba is a unicellular organism and its moves with pseudopodia.
- 21) Iron helps in the formation of Haemoglobin.

VI. Answer very briefly: (any ten only)**10×2=20****[Question No. 24 is compulsory]**

- 22) Define measurement.
- 23) Define mass.
- 24) The distance between two places is 43.65 km. Conver it into metre and cm.
- 25) Define force.
- 26) Name different types of motion.
- 27) Differentiate between rotational and curvilinear motion.
- 28) Why do we seperate mixture?
- 29) Define sedimentation.
- 30) Give the main difference between a pure substance and impure substance.
- 31) Mention few desert plants.
- 32) Define the term habitat.
- 33) Where can we see camels in India?
- 34) Name the locomotory organ of an Amoeba.
- 35) What are the body parts of snake?
- 36) Which structure helps the birds to change its direction while flying in air?
- 37) Differentiate between Carbohydrate and Protein.
- 38) Define balanced diet.
- 39) Why should fruits and vegetables washed after cutting?
- 40) What is computer?

VII. Answer in detail: (any three only)**3×5=15**

- 41) Explain two methods that you can use to measure the length of a curved line.
- 42) Classify different types of motions with example.
- 43) Make a list of the function 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.