

Tsi6S

Tenkasi District
Summative Assessment - September 2023



25-09-2023

Standard 6

Time: 2.00 Hrs.

SCIENCE

Marks: 60

10×1=10**I. Choose the correct answer:**

- 1) Quantity that can be measured is called _____.
a) Physical quantity b) Measurement c) Unit d) Motion
- 2) Unit of speed is
a) m b) s c) kg d) m/s
- 3) Seeds from water melon can be removed by _____.
a) hand-picking b) filtration
c) magnetic separation d) decantation
- 4) Filtration method is effective in separating _____ mixture.
a) solid - solid b) solid - liquid c) liquid - liquid d) liquid - gas
- 5) The habitat of water hyacinth is
a) aquatic b) terrestrial c) desert d) mountain
- 6) Pond is an example of ecosystem _____.
a) marine b) fresh water c) deserts d) mountain
- 7) Organ of absorption is _____.
a) root b) stem c) leaf d) flower
- 8) Which animal has the special organs of breathing called gills?
a) Earthworm b) Fox c) Fish d) Frog
- 9) Bacteria are very small _____ microorganism.
a) Prokaryotic b) Eukaryotic c) Protozoa d) Acellular
- 10) When was the first computer introduced?
a) 1980 b) 1947 c) 1946 d) 1985

II. Answer any 15 questions: [Short answer]**15×2=30**

- 11) Define measurement.
- 12) What is the SI unit of mass?
- 13) **Arrange the following in the increasing order of unit:**
1 metre, 1 centimetre, 1 kilometre and 1 millimetre
- 14) **Fill in the blanks:**
 - 1) Gravitational force is a _____ force.
 - 2) Motion of a potter's wheel is an example for _____ motion.
- 15) Define force.
- 16) **Complete the analogy:**
 - 1) Distance : Metre :: Speed : _____
 - 2) Kicking a ball : Contact force :: Falling of leaf : _____
- 17) **Fill in the blanks:**
 - a) Matter is made up of _____.
 - b) Chillies are removed from 'upma' by _____ method.
- 18) Why do we separate mixtures?
- 19) **Match:**

Property	Example
1. Breaks easily	- Metal pan
2. Bends readily	- Rubber band
3. Can be stretched easily	- Cotton wool
4. Gets compressed easily	- Mud pot
5. Gets heated readily	- Plastic wire

Kindly send me your study materials to padasalai.net@gmail.com

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20) **Arrange the following in correct sequence:**

1. Leaf - Stem - Root - Flower
2. Transpiration - Conduction - Absorption - Fixation

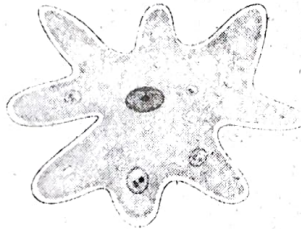
21) Define the term habitat.

22) **Match:**

- | | | |
|-------------------|---|-----------|
| 1. Mountain | - | Monocot |
| 2. Desert | - | Branches |
| 3. Stem | - | Dry place |
| 4. Photosynthesis | - | Himalayas |
| 5. Fibrous root | - | Leaves |

23) Redraw the diagram and label the following parts.

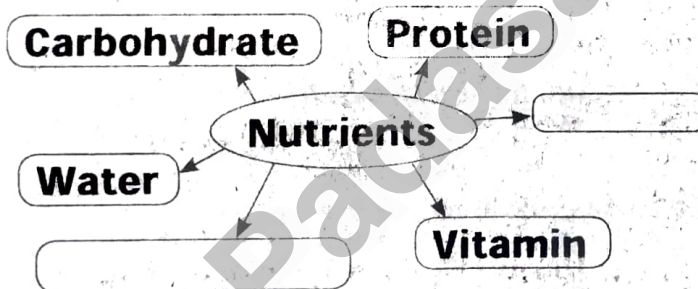
[Nucleus, Pseudopod, Contractile Vacuole, Cell membrane].



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24) What are the body parts of a snake?

25) Define balanced diet.

26) **Fill up it:**

27) Why should fruits and vegetable not be washed after cutting?

28) What are the main features of microorganisms?

29) **State True or False:**

1. Computer is an electronic device.
2. Computer can do calculations fast.

30) What is a computer?

III. Answer any four questions:**4x5=20**

- 31) Explain two methods that you can use to measure the length of a curved line.
- 32) What is motion? Classify different types of motion with examples.
- 33) Write the sequence of steps you would use for making tea.
(use the words mixture, dissolve, filtrate and residues)
- 34) Make a list of the functions of root and stem.
- 35) Describe the various features which help camel dwell well in the deserts.
- 36) Tabulate the vitamins and their corresponding deficiency diseases.
- 37) Explain in detail above the applications of computer.