

V7S

Virudhunagar District
Common First Mid Term Test - 2024



Standard 7
SCIENCE

Time: 1.30 Hrs.

Marks: 30

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

- 1) SI unit of density is
 - a) Kg/m^2
 - b) Kg/m^3
 - c) Kg/m
 - d) g/m^3
- 2) Light year is the unit of
 - a) distance
 - b) time
 - c) density
 - d) both length and time
- 3) A particle is moving in a circular path of radius r . The displacement after half a circle would be
 - a) zero
 - b) R
 - c) $2r$
 - d) $r/2$
- 4) The subatomic particle which revolves around the nucleus is _____
 - a) atom
 - b) neutron
 - c) electron
 - d) proton
- 5) Reproductive part of a plant is
 - a) root
 - b) stem
 - c) leaf
 - d) flower

II. Fill in the blanks:**2 × 1 = 2**

- 6) The shortest distance between two places is _____.
- 7) The nucleus has _____ and _____.

III. True or False. If false give the correct answer:**2 × 1 = 2**

- 8) Volume of liquids can be found using measuring containers.
- 9) Ginger is an underground root.

IV. Analogy:**1 × 1 = 1**

- 10) K : Potassium :: C : _____.

V. Match the following:**5 × 1 = 5**

- | | | |
|-------------------------------------|---|------------------|
| 11) Area | - | Measuring jar |
| 12) Light travelling through vacuum | - | Fe |
| 13) Iron | - | Bignonia |
| 14) Hooks | - | Plane figures |
| 15) Volume | - | Uniform velocity |

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PART - II

VI. Answer the following questions in short:**5 × 2 = 10****[Answer any five questions]**

- 16) Name the liquid in which iron ball sinks.
- 17) What are derived quantities?
- 18) Distinguish between speed and velocity.
- 19) What is centre of gravity?
- 20) Define - Atom.
- 21) What are the characteristics of Proton?
- 22) What are the two important parts of a flower?
- 23) What is cross pollination?

VII. Answer the following questions in detail:**1 × 5 = 5****[Answer any one question]**

- 24) How will you determine the density of a stone using a measuring jar?
 - 25) Draw the structure of an atom and explain the position of the sub-atomic particles.
 - 26) Write a brief account on pollination.
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