

Tsi-7S

Tenkasi District Common Examinations
Summative Assessment - September 2022



Standard 7

SCIENCE

Time: 2.00 Hrs.

Marks: 60

I. Choose the appropriate answer:

10×1=10

- 1) Which of the following is a derived quantity?
a) mass b) time c) area d) length
- 2) Light year is the unit of
a) distance b) time
c) density d) both length and time
- 3) Density of water _____ kg/m³.
a) 800 b) 1000 c) 19300 d) 2700
- 4) 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
- 5) Cheetah run at _____ speed.
a) 25 m/s - 30 m/s b) 100 m/s - 120 m/s
c) 5 m/s - 10 m/s d) 15 m/s - 20 m/s
- 6) The metal which is liquid at room temperature is _____.
a) Chlorine b) Sulphur c) Mercury d) Silver
- 7) Symbol of carbon _____.
a) C b) Na c) S d) B
- 8) Reproductive part of a plant is _____.
a) root b) stem c) leaf d) flower
- 9) Our living place should be
a) open b) closed c) clean d) untidy
- 10) Who uses the photoshop software more?
a) Teacher b) Doctor c) Painter d) Photographer

II. Answer any 15 questions:

15×2=30

- 11) **Fill in the blanks:**
 - i) One cubic metre is equal to _____ cubic centimetre.
 - ii) The area of a leaf can be measured using a _____.
- 12) **Match the following items:**
 1. Area - light year
 2. Distance - m³
 3. Density - m²
 4. Volume - kg
 5. Mass - kg/m³
- 13) **Analogy:**
 1. Liquid : Litre :: Solid : _____.
 2. Water : Kerosene :: _____ Aluminium
- 14) What is centre of gravity?
- 15) Name of elements in H₂O.
- 16) What are compounds? Give two examples.
- 17) Define - Atom.
- 18) **Consider the following statements and choose the correct one:**

Assertion : An example for conical root is carrot.

Reason : It is an adventitious root modification.

Tsl-7S

2

- a) Assertion is incorrect, Reasoning is correct.
 b) Assertion is incorrect, Reasoning is incorrect.
 c) Assertion is correct, Reasoning is correct.
 d) Assertion is correct, Reasoning is incorrect.
- 19) Write a brief account on pollination.
- 20) **Match the following:**
- | | | |
|--------------|---|----------------|
| Rabies | - | Salmonella |
| Cholera | - | Yellow urine |
| Tuberculosis | - | Cramps in legs |
| Hepatitis | - | Hydrophobia |
| Typhoid | - | Mycobacterium |
- 21) What is Hygiene?
 22) What first aid will you provide in the case of bruises?
 23) Give any two communicable disease, which spread in your locality during monsoon?
 24) What is Raster Graphics?
 25) **Match the following:**
- | | | |
|-----------------|---|----------------------|
| Animations | - | 3D |
| Raster | - | Visual communication |
| Vector | - | Pixles |
| Virtual reality | - | Microsoft photostory |
| Video story | - | Illustrator |
- 26) Give two examples of Iron containing food.
 27) Typhoid : Bacteria
 Hepatitis : _____
 Tuberculosis : Air
 Cholera : _____
- 28) Give Vitamin C deficiency disease and its remedial measures?
 29) A liquid having a mass of 250g fills a spare of 1000cc. Find the density of the liquid.
 30) Name the liquid in which iron ball sinks.

SIVAKUMAR. M,
 501 Ram Matric
 Vallam -627809,
 Tenkasi.

III. Answer the following:

4x5=20

- 31) How will you determine the density of a stone using a measuring jar?
 (OR)
- 32) Explain the types of stability with suitable example.
 33) Differentiate metals and non metals.
 (OR)
- 34) The Atomic number and the Mass number of an element is 26 and 56 respectively calculate the number of electron, protons and neutrons in its atom. Draw the structure.
 35) Write a brief account on pollination.
 (OR)
- 36) Life cycle of a plant, Explain it.
 37) a) Why first aid is essential?
 b) What first aid will you provide in the case of bruises?
 (OR)
- 38) Write about any three communicable diseases in detail