

Class : 7Register
Number**SECOND TERM - SUMMATIVE ASSESSMENT(SA) - 2024-25**

Time Allowed : 2.00 Hours]

SCIENCE

[Max. Marks : 60

I. Choose the correct answer.**10x1=10**

1. The body temperature of a healthy man is
 - a) 0°C
 - b) 37°C
 - c) 98°C
 - d) 100°C
2. International unit of measuring temperature is -----
 - a) Kelvin
 - b) Fahrenheit
 - c) Celsius
 - d) Joule
3. Small amounts of electrical current are measured in milliampere (mA) how many milliampere are there in 0.25A?
 - a) 2.5 mA
 - b) 25 mA
 - c) 250mA
 - d) 2500 mA
4. When a woolen yarn is knitted to get a sweater, the change can be classified as -----
 - a) Physical Change
 - b) Chemical Change
 - c) Endothermic change
 - d) Exothermic Change
5. ----- is an example of a periodic change.
 - a) Earthquake
 - b) Formation of rainbow in sky
 - c) Occurrence of tides in seas
 - d) Showering of rain
6. Which part of the cell is called the brain of the cell?
 - a) Lysosome
 - b) Ribosome
 - c) Mitochondria
 - d) Nucleus
7. Suitable term for the various components of cell is -----
 - a) Tissue
 - b) Nucleus
 - c) Cell
 - d) Cell organelle
8. Approximately ----- species of living organisms found in the Earth.
 - a) 8.7 million
 - b) 8.6 million
 - c) 8.5 million
 - d) 8.8 million
9. Who proposed the five kingdom of classification?
 - a) Aristotle
 - b) Linnaeus
 - c) Whittaker
 - d) Plato
10. Tux math software helps in learning the -----
 - a) Painting
 - b) Arithmetic
 - c) Programming
 - d) Graphics

II. Fill in the blanks:**10x1=10**

11. At room temperature mercury is in ----- state.
12. Heat Energy transfer from ----- to -----
13. ----- is used to measure the electric current.
14. In conducting materials electrons are ----- bounded with atoms.
15. Spoiling of food is a ----- change.
16. Respiration is a ----- change.
17. The jelly like substance present in the cell is called -----
18. Mature Red Blood cell do not contain a -----

TPR/7/Sci/1

19. ----- are non - green and non - photosynthetic in nature.

20. Carolus Linnaeus is known as the Father of -----

III. True (or) False. If false write the correct answer.

5x1=5

21. The measurement of warmness or coldness of a substance is known as its temperature.

22. In a parallel circuit, The electric components are divided into branches.

23. A bean plant collecting sunlight and turning it into bean seeds is an example of physical and non periodic change.

24. Only plant cells have Chloroplasts.

25. Animal cells have cell wall.

IV. Give very short answer: (any 10)

10x2=20

26. What is the use of kink in Clinical Thermometer?

27. The body temperature of Srinath is 99°F. If he suffering from fever? If so, why?

28. Anology:

i) water : Pipe:: Electric current : -----

ii) Copper : conductor :: wood -----

29. Name the device used to generate electricity.

30. State two example of Periodic Changes.

31. Distinguish physical and Chemical Changes.

32. Is solar eclipse a periodic change? Give your reason.

33. Assertion : The Formation of iron oxide from iron is a Chemical change.

Reason : For the Rust to form from iron, it must be exposed to air and water

a) Both A and R are True and R is the correct explanation of A

b) Both A and R are true but R is not the Correct Explanation of A

c) A is true but R is False

d) A if False but R is true

34. Which organelle uses energy from sunlight to make starch?

35. Why Lysosomes are known as Scavengers of the cell?

36. Match the following.

1. Monera - Moulds

2. Protista - Bacteria

3. Fungi - Neem

4. Plantae - Butterfly

5. Animalia - Euglena

37. List out the Five Kingdoms classification.

38. What is Tux Paint?

V. Answer any Three of the following Questions.

3x5=15

39. State the Similarities and Differences between the Laboratory thermometer and the Clinical Thermometer.

40. Explain Heating effect of Electric current.

41. How the Iron blade is fixed into a wooden handle in tools used to dig the Soil?

42. Write short notes on - Binomial Nomenclature.

TPR / 7 / Sci / 2