

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

Time Allowed : 2.00 Hours]

[Max. Marks : 60

10x1= 10

I. Choose the correct answer.

1. In thermometer when bulb comes in contact with hot object, liquid inside it -----
a) Expands b) Contracts c) Remains same d) None of above
2. The body temperature of a healthy man is
a) 0°C b) 37°C c) 98°C d) 100°C
3. Small amounts of electric current are measured in Milli ampere (mA). how many milli ampere are there in 0.25A?
a) 2.5 mA b) 25mA c) 250 mA d) 2500 mA
4. The chemical change is -----
a) Water to Clouds b) growth of a Tree
c) Cow dung to bio - gas d) Ice - cream to molten ice - cream
5. 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
6. I am the outer most layer of an Animal Cell. Who am I?
a) Cell wall b) Nucleus c) Cell membrane d) Nuclear membrane
7. Which part of the cell is called the brain of the cell?
a) Lysosome b) Ribosome c) Mitochondria d) Nucleus
8. The largest division of the living world is -----
a) Order b) Kingdom c) Phylum d) Family
9. 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
10. What is the shortcut key for undo option?
a) Ctrl + z b) Ctrl + R c) Ctrl + Y d) Ctrl + N

II. Match the following.

5x1=5

- | | | |
|--------------|---|-------------|
| 11. Monera | - | mould |
| 12. Protista | - | Bacteria |
| 13. Fungi | - | Neem |
| 14. Plantea | - | Catla Catla |
| 15. Fish | - | Euglena |

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III. Answer any 15 of the following.

15x2=30

16. What is the use of kink in Clinical Thermometer?
17. The Body temperature of Srinath is 99°F . Is he suffering from Fever? If so, Why?
18. Convert the given temperature: $45^{\circ}\text{C} = \text{-----}^{\circ}\text{F}$
19. Name few Insulators.
20. Define an Electric Current.
21. True or False:
 - (i) In a parallel circuit the electric components are divided into branches.
 - (ii) The representation of the electric current is A.
22. Name some devices that run using heating effect of electric current.
23. Fill in the blanks.
 - a) Respiration is a ----- change.
 - b) Stretching gold coin into a ring is a ----- change.
24. Distinguish Physical and Chemical reactions.
25. Mention any two Exothermic Reaction.
26. How can a change occur in a substance.
27. Analogy:
 - (i) Adipose : Tissue :: Eye : -----
 - (ii) Chloroplast : Photosynthesis :: Mitochondria : -----
28. Why Lysosomes are known as Scavengers of the Cell?
29. Distinguish between Cell wall and Cell membrane.
30. What are the main things in Nucleus?
31. Write two Features of Protista.
32. List out the Five Kingdom Classification.
33. Write the Binomial name of a) Onion b) Paddy
34. Write any two merits of Five Kingdom Classification.
35. What is TUX Paint?

IV. Answer any 3 of the following in Detail.

3x5=15

36. Draw the diagram of a Clinical Thermometer and label its parts.
37. Explain the heating Effect of Electric Current?
38. Explain the following Statement: Digestion is a Chemical Change.
39. Compare the Plant Cell and Animal Cell.
40. Write short notes on - Binomial Nomenclature.