

HSS

## SECOND TERM SUMMATIVE ASSESMENT - 2024

7 - Std

## SCIENCE

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Time : 2.00 hrs

Marks : 60

## I Choose the correct answer.

5 X 1 = 5

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 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
3. Basis unit of life .....  
 a) Cell      b) Protoplasm      c) Cellulose      d) Nucleus
4. The largest division of the living world is .....  
 a) Order      b) Kingdom      c) Phylum      d) Family
5. Tux paint software is used to .....  
 a) Paint      b) Program      c) Scan      d) PDF

## II Fill in the blanks.

5 X 1 = 5

6.  $-7^{\circ}\text{C}$  temperature is *Less* than  $0^{\circ}\text{C}$  temperature.
7. One unit of coulomb is charge of approximately  *$6.242 \times 10^{18}$*  protons or electrons.
8. Stretching gold coin into a ring is a *Physical* change.
9. Unicellular organisms can only be seen under a *Microscope*.
10. The binomial name of onion is *Allium Sativum*.

## III True or false.

5 X 1 = 5

11. The representation of the electric current is A. *False*
12. Tarnishing of silver is an example of endothermic change. *True*
13. Only plant cells have chloroplasts. *False*
14. Fishes are aquatic vertebrates. *True*
15. Animal cells have cell wall. *False*

## IV Match.

5 X 1 = 5

16. Monera - Moulds *38*
17. Protista - Bacteria *16*
18. Fungi - Neem *14 20*
19. Plantae - Butterfly
20. Animalia - Euglena *27*

## V Analogy :

5 X 1 = 5

21. Copper : Conductor :: Wood : *insulator*

22. Forest fire : *Non-periodic* change : :  
 change in period in a school : periodic change.
23. Chloroplast : Photosynthesis : : Mitochondria : *Power house*
24. Water : Pipe : : Electric current : *wire*
25. Physical change : Boiling : : Chemical change : *Rusting*

**VI Answer any ten of the following.**

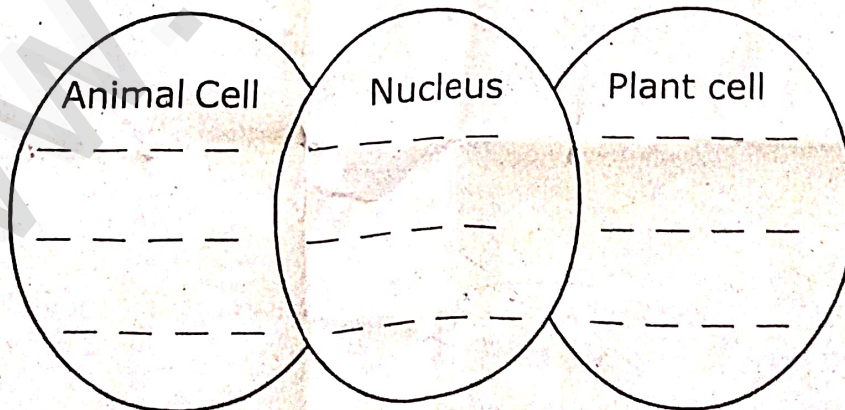
10 X 2 = 20

26. What is the use of kink in clinical thermometer?
27. A clinical thermometer is not used to measure the temperature of air. Why?
28. Name few insulators? *glass, Rubber Air wood*
29. Define fuse?
30. Define an electric current?
31. State two examples of periodic changes? *Rotation of earth*
32. Distinguish physical and chemical changes? *Seating of the heart*
33. What are the main things in a nucleus?
34. Why the cell is very important for us?
35. Write correct sequence from cell to organism?
36. What is classification?
37. List out the five kingdoms classification?
38. Write two examples of Monera.
39. What is the shortcut key for save option?

**VII Detail.**

3 X 5 = 15

40. State the similarities and differences between the laboratory thermometer and the clinical thermometer. **(OR)**  
 Explain the construction and working of a dry cell.
41. What is the difference between dissolution of sugar and burning of sugar?  
**(OR)** Compare the plant cell and the animal cell and complete the illustration given below.



42. Write the levels of classification. **(OR)**  
 Write short notes on - Binomial Nomenclature.