

THEME

COMMON SECOND TERM SUMMATIVE EXAMINATION - 2025**Standard - VII**Reg.No.

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SCIENCE**Marks:60****Time: 2.00 hrs****I Choose the correct answer.**

1. International unit of measuring temperature is _____.
a) Kelvin b) Fahrenheit c) Celsius d) Joule
2. The body temperature of a healthy man is _____.
a) 0°C b) 37°C c) 198°C d) 100°C
3. _____ is used to measure the electric current.
a) Volt meter b) Ammeter c) Galvanometer d) Ohm
4. The Chemical change is _____.
a) Water to clouds b) growth of tree
c) cow dung to bio-gas d) ice-cream to molten ice-cream
5. _____ is not a chemical change
a) Dissolution of Ammonia in water b) Dissolution of Carbon-di-oxide in water
c) Dissolution of oxygen in water d) Melting of polar ice caps
6. _____ helps in cell division.
a) Endoplasmic reticulum b) Golgi complex
c) Centriole d) Nucleus
7. Suitable term for the various components of cell is _____.
a) Tissue b) Nucleus c) Cell d) Cell Organelle
8. The largest division of the living world is _____.
a) Order b) Kingdom c) Phylum d) Family
9. Who proposed the five kingdom of classification?
a) Aristotle b) Linnaeus c) Whittaker d) Plato
10. In Tux Math, space cadet option is used for _____.
a) simple addition b) Division c) Drawing d) Multiplication

II Fill in the blanks.**5x1=5**

11. -7°C temperature is _____ than 0°C temperature.
12. Spoiling of food is a _____ change.
13. SI unit of Electrical conductivity is _____
14. Cytoplasm + Nucleoplasm = _____
15. The binomial name of onion is _____

III True (or) False.**6x1=6**

16. In a parallel circuit, the electric components are divided into branches.
17. The representation of the electric current is 'A'.
18. Tarnishing of silver is an example of endothermic change.
19. Human stomach is an organ.
20. Animal cell have a cell wall.
21. Fishes are aquatic vertebrates.

IV Answer any 12 questions.**12x2=24**

22. What is the use of Kink in clinical thermometer?
23. Match the following

- | | | |
|-------------------------------------|---|------------------|
| 1. Clinical thermometer | - | A form of energy |
| 2. Normal temperature of human body | - | 100°C |

(2)

VII Science

3. Heat - 37°C
 4. Boiling point of water - Kink
24. Convert the given temperature
 i) 0°C = _____ K ii) 20°C = _____ °F
25. Define an electric current.
26. Analogy .
 i) Water : pipe :: Electric current : _____
 ii) Copper : Conductor :: Wood : _____
27. Differentiate parallel and serial circuits.
28. State two examples of periodic changes.
29. What type of change is artificial ripening of fruit?
30. Distinguish physical and chemical change.
31. What are the main things in a nucleus?
32. Why lysosomes are known as Scavengers of the cell?
33. Why the cell is very important for us?
34. What is classification?
35. Write two examples of Monera.
36. Write the binomial name of
 a) Human being b) Paddy
37. What is Tux painting?

V Long Answer.

3x5=15

38. a) Draw the diagram of a clinical thermometer and label its parts. (OR)
 b) Explain the heating effect of electric current.
39. a) What is the difference between dissolution of sugar and burning of sugar? (OR)
 b) Explain the following statement : Digestion is a chemical change.
40. a) Match the following
- | | |
|-------------------------|-------------------------|
| 1) Transporting channel | - Nucleus |
| 2) Suicidal bag | - Endoplasmic reticulum |
| 3) Control room | - Lysosome |
| 4) Power house | - Chloroplast |
| 5) Food producer | - Mitochondria |
- b) See the Diagram and write the Kingdom: (OR)



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