

Class : 6

Register Number

SECOND TERM - SUMMATIVE ASSESSMENT(SA) - 2024 - 25

SCIENCE

(Max. Marks : 60)

Time Allowed : 2.00 Hours

PART - I

I. Choose the correct answer.

10x1=10

1. The unit of Heat is
a) Newton b) Joule c) Volt d) Celsius
2. Electricity is produced in
a) transformer b) Power station c) electric wire d) television
3. ----- is a Good Conductor.
a) Silver b) Wood c) Rubber d) Plastic
4. Air pollution leading to acid rain is a -----
a) reversible change b) fast change c) natural change d) human made change
5. Gas exchange takes place in plants using -----
a) Stomata b) Chlorophyll c) Leaves d) Flowers
6. The Control centre of the Eukaryotic Cell is
a) Cell wall b) Nucleus c) Vacuoles d) Chloroplast
7. Which one of the following is not an Unicellular Organism?
a) Yeast b) Amoeba c) Spirogyra d) Bacteria
8. Main organ of Respiration in Human Body is -----
a) Stomach b) Spleen c) Heart d) Lungs
9. Breakdown of food into smaller molecules in one body is known as -----
a) Muscle Contraction b) Respiration c) Digestion d) Excretion
10. Which one of the following is an Input Device?
a) Speaker b) Keyboard c) Monitor d) Printer

II. Fill in the blanks:

5x1=5

11. The SI unit of Temperature is -----
12. ----- are the materials which allow electric current to pass through them.
13. The gas given out during photosynthesis is -----
14. The instrument used to observe the cell is -----
15. The ----- is the largest sense Organ in our body.

III. Match the following.

5x1=5

- | | | |
|-------------------------|---|------------------|
| 16. Gate of the nucleus | - | Sound |
| 17. Gate of the cell | - | Flat muscle |
| 18. Ear | - | Cardiac Muscle |
| 19. Heart | - | Cell membrane |
| 20. Lungs | - | Nuclear membrane |

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PART - II

IV. Answer any ten of the following questions.

10×2=20

21. Make a list of electrical equipments at home which we get heat from.
22. Complete the analogy
 - i) Ice cube : 0°C :: Boiling water -----
 - ii) Enzymes : Digestive glands : ----- ; Endocrine glands.
23. Draw the circuit diagram for series connection.
24. Write True or False:
 - i) Pure water is a good conductor of electricity
 - ii) Nerve cell is the longest cell
25. Define a slow change.
26. Circle the odd one out. Give reason for your choice.
Rotting of an egg. Condensation of water vapour, trimming of hair, Ripening of fruit.
27. Name the five layers of atmosphere.
28. Biscuits kept open on a plate during monsoon days lose its Crispness. Why? S
29. Draw a neat labelled diagram of a Prokaryotic cell. D
30. Distinguish between prokaryotic and eukaryotic cells. S
31. Name the five important sense Organs. VS
32. Arrange in correct sequence
Urethra → Ureter → Urinary Bladder → Kidney.
33. Name the parts of a computer. S

PART - III

V. Answer any four Questions:

4×5=20

34. Explain Thermal Expansion with suitable examples.
35. Tabulate the different components of an Electric Circuit and their Respective Symbols.
36. Give one example for each case that happens around you.
 - a) Slow and Fast Change
 - b) Reversible and Irreversible Change.
 - c) Physical and Chemical Change.
 - d) Natural and Man-made Change
 - e) Desirable and Undesirable Change.
37. Why is Atmosphere essential for Life on Earth?
38. Tabulate any five cell Organelles and their function.
39. List out the Functions of Endocrine System and Nervous System.

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