

**Class : 6**Register  
Number**SECOND TERM - SUMMATIVE ASSESSMENT(SA) - 2023-24****SCIENCE**

[Max. Marks : 60]

Time Allowed : 2.00 Hours]

**PART - A****10x1=10****I. Choose the correct answer .**

1. When an object is heated, the molecules that make up the object.
  - a) Begin to move faster
  - b) Lose energy
  - c) Become heavier
  - d) Become Lighter
2. The unit of Heat is
  - a) Newton
  - b) Joule
  - c) Volt
  - d) Celsius
3. \_\_\_\_\_ is a Good Conductor.
  - a) Silver
  - b) Wood
  - c) Rubber
  - d) Plastic
4. Formation of Curd from milk is
  - a) A reversible change
  - b) A Fast change
  - c) An irreversible change
  - d) An undesirable change
5. \_\_\_\_\_ is the percentage of Nitrogen in air.
  - a) 78%
  - b) 21%
  - c) 0.03%
  - d) 1%
6. The Control centre of the Eukaryotic Cell is
  - a) Cell wall
  - b) Nucleus
  - c) Vacuoles
  - d) Chloroplast
7. Most Organelles in an Eukaryotic Cell is found in the
  - a) Cell wall
  - b) Cytoplasm
  - c) Nucleus
  - d) Vacuole
8. Circulatory System transports these throughout the body.
  - a) Oxygen
  - b) Nutrient
  - c) Hormones
  - d) All of these
9. Main organ of Respiration in Human Body is -----
  - a) Stomach
  - b) Spleen
  - c) Heart
  - d) Lungs
10. Which one of the following is an Output Device?
  - a) Mouse
  - b) Keyboard
  - c) Speaker
  - d) Pen Drive

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

11. The SI unit of Temperature is \_\_\_\_\_
12. The Combination of two or more cells is called a \_\_\_\_\_
13. \_\_\_\_\_ is the active component of Air.
14. The term "Cell" was coined by \_\_\_\_\_
15. The part of the Skeleton that protects the Brain is \_\_\_\_\_

**III. Match the following.****5x1=5**

- |                      |   |                |
|----------------------|---|----------------|
| 16. Heart            | - | Cell membrane  |
| 17. Energy Producer  | - | Air Sacs       |
| 18. Boiling Water    | - | Cardiac Muscle |
| 19. Lungs            | - | Mitochondria   |
| 20. Gate of the Cell | - | 100°C          |

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**PART - B****IV. Answer any ten of the following questions.****10x2=20**

21. What is Temperature?
22. Make a list of Electrical Equipments at home. Which we get heat from.
23. What type of Circuit is there in a Torch Light?
24. Draw the Circuit diagram for Series Connection.
25. What is a Solution?
26. What kind of a Change is associated with decaying of a Plant?
27. Name the Five layers of Atmosphere?
28. **Write True or False:**

- i) Planting Trees help in decreasing Global Warming.
- ii) Inhaled air contains a large amount of Carbon - di - oxide.

29. What are the essential Components of a Cell?

30. **Complete the Analogy:**

- (i) Prokaryote : Bacteria : Eukaryote : -----
- (ii) Food Producer : Chloroplasts : Power House : -----

31. Write the Functions of Epiglottis.
32. Name the Five important Sense Organs.
33. Name the parts of Computer?

**V. Answer any four Questions:****4x5=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 Earth?
38. Draw a neat labelled diagram of a Prokaryotic Cell.
39. List out the Functions of Endocrine System and Nervous System.