

SECOND MID TERM TEST - 2024

Standard - VII

Time: 1.30 hrs

SCIENCE

Marks:50

I Choose the correct answer.

5x1=5

1. The body temperature of a healthy man is
 - a) 0°C
 - b) 37°C
 - c) 98°C
 - d) 100°C
2. _____ is an example of a periodic change.
 - a) Earthquake
 - b) Formation of rainbow in sky
 - c) Occurrence of tides in seas
 - d) Showering of rain
3. _____ helps in cell division.
 - a) Endoplasmic reticulum
 - b) Golgi complex
 - c) Centriole
 - d) Nucleus
4. Which part of the cell is called the brain of the cell?
 - a) Lysosome
 - b) Ribosome
 - c) Mitochondria
 - d) Nucleus
5. _____ is not a chemical change.
 - a) Dissolution of ammonia in water
 - b) Dissolution of carbon dioxide in water
 - c) Dissolution of oxygen in water
 - d) Melting of polar ice-caps

II Fill In the blanks

5x1=5

6. At room temperature Mercury is in _____ state.
7. Filling up a balloon with hot air is a _____ change.
8. Spoiling of food is a _____ change.
9. The jelly like substance present in the cell is called cytoplasm.
10. Mature Red blood cell do not contain a _____

III Match the following:

5x1=5

- | | | |
|--------------------------------------|---|--------------|
| 11. Heat | - | Lysosome |
| 12. Power house | - | 37°C |
| 13. Suicidal bag | - | 0°C |
| 14. Melting point of water | - | Mitochondria |
| 15. Normal temperature of human body | - | Energy |

(2)

VII Science

IV Answer any 10 questions:-

10x2=20

16. Why do we use mercury in thermometer?
17. What is the use of Kink in clinical thermometer?
18. Jyothi was prepared to measure the temperature of hot water with a clinical thermometer. Is it right or wrong. Why?
19. Distinguish physical and chemical changes.
20. Is solar eclipse a periodic change? Give your reason.
21. State two examples of periodic changes.
22. What type of change is artificial ripening of fruit?
23. Mention any two exothermic reactions.
24. Why the cell is very important for us?
25. Write correct sequence from cell to organism?
26. What are the functions of cell wall in plant cell?
27. Why lysosomes are known as scavengers of the cell?

V Answer in Detail (any 3)

3x5=15

28. Draw the diagram of a clinical thermometer and label its parts.
29. Explain the following statement:
Digestion is a chemical change.
30. Write about any three organelles in detail.
31. Classify the following terms into cells, tissues, organs and write in the tabular column.

Neuron, Lungs, Xylem, brain, adipose, Leaf, RBC, WBC, hand, muscle, heart, ovum, squamous, phloem, cartilage.

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