

**SECOND MID TERM TEST - 2023****Standard - VII****Time: 1.30 hrs****SCIENCE****Marks:50****I Choose the correct answer.****5x1=5**

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) 98°C            d) 100°C
3. Mercury is often used in laboratory thermometers because it \_\_\_\_\_  
a) is a harmless liquid  
b) is silvery in colour and is attractive in appearance  
c) Expands uniformly  
d) is a low cost liquid
4. Which part of the cell is called the brain of the cell?  
a) Lysosome            b) Ribosome            c) Mitochondria            d) Nucleus
5. Suitable term for the various components of cell is \_\_\_\_\_  
a) Tissue            b) Nucleus            c) Cell            d) Cell organelle

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

6. Doctor use \_\_\_\_\_ thermometer to measure the human body temperature.
7. Heat energy transfer from \_\_\_\_\_ to \_\_\_\_\_
8. -7°C temperature is \_\_\_\_\_ than 0°C temperature.
9. The direction of conventional current is \_\_\_\_\_ to electron flow.
10. Mature Red blood cell do not contain a \_\_\_\_\_

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

- |                   |   |  |
|-------------------|---|--|
| 11. Heat          | - | Chloroplast  |
| 12. Circuit       | - | Lysosome   |
| 13. Suicidal bag  | - | Form of energy   |
| 14. Food producer | - | A device which converts chemical energy into electrical energy |
| 15. Power House   | - | Mitochondria   |

(2)

VII Science

IV Give short answer - Any Ten

10x2=20

- 16 Why do we jerk a clinical thermometer before we measure the body temperature?
- 17 The body temperature of Srinath is 99°F. Is he suffering from fever? If so, why?
- 18 Why do we use Mercury in Thermometer?
- 19 What is the S I. unit of electric conductivity?
- 20 What is battery?
- 21 Define an electric current.
- 22 What are the functions of cell wall in plant cell?
- 23 What does cell membrane do?
- 24 Why the cell is very important to us?
- 25 Distinguish cell wall and cell membrane.
- 26 Write correct sequence from cell to organism?
- 27 Analogy : Bacteria : Micro organism : : mango tree : \_\_\_\_\_

V True or false, If false give the correct answer:

5x1=5

28. Electron flow is in the same direction to conventional current flow.
- 29 The representation of the electric current is A.
- 30 Animal cell have a cell wall.
31. Only plant cells have chloroplasts.
32. Cell membrane is fully permeable.

VI Give detailed Answer (any 2)

2x5=10

33. Draw the diagram of a clinical thermometer and label its parts.
34. Write about Nucleus with Diagram.
35. Classify the following terms into cells tissues, and organs.

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

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