



## Standard 7 SCIENCE

Time: 1.30 hour

Marks: 30

4×1=4

**I. Choose the correct answer:**

- 1) International unit of measuring temperature \_\_\_\_\_  
a) Kelvin                      b) Fahrenheit                      c) Celsius                      d) Joule
- 2) Small amount of electrical current are measured in milliampere (mA). How many milliampere are there in 0.25A?  
a) 2.5 mA                      b) 25 mA                      c) 250 mA                      d) 2500 mA
- 3) Basic unit of life  
a) Cell                      b) Protoplasm                      c) Cellulose                      d) Nucleus
- 4) Which part of the cell is called the brain of the cell?  
a) Lysosome                      b) Ribosome                      c) Mitochondria                      d) Nucleus

**II. Fill in the blanks:**

3×1=3

- 5) Doctors uses \_\_\_\_\_ thermometer.
- 6) \_\_\_\_\_ is used to measure the electric current.
- 7) The Jelly like substance present in the cell is called \_\_\_\_\_.

**III. True or False. If false give the correct answer:**

3×1=3

- 8) In a parallel circuit, the electric components are divided in to branches.
- 9) The representation of the electric current is A.
- 10) Animal cells have a cellwall.

**IV. Answer any 5 questions:**

5×2=10

- 11) A clinical thermometer is not used to measure the temperature of air. Why?
- 12) Why do we use Mercury in thermometer?
- 13) Name few Insulators.
- 14) Define an electric current.
- 15) Differentiate Parallel and Serial circuits.

**16) Match it:**

- |                   |   |              |
|-------------------|---|--------------|
| i) Suicidal bag   | - | Chloroplast  |
| ii) Control room  | - | Mitochondria |
| iii) Power house  | - | Nucleus      |
| iv) Food producer | - | Lysosome     |
- 17) Write the sequence from cell to organism.
  - 18) Write a short note on nucleus.

**V. Answer any 2 questions:**

2×5=10

- 19) State the similarities and differences between the laboratory thermometer and the clinical thermometer.
- 20) Explain the heating effect of electric current.
- 21) Write about any three organelles in detail.