

SECOND MID TERM EXAMINATION – NOVEMBER -2024

STD : 6

SCIENCE

MARKS : 30

TIME : 1 HOUR

5 X 1 = 5

I. CHOOSE THE CORRECT ANSWER.

1. One litre of water at 30°C is mixed with one litre of water at 50°C. The temperature of the mixture will be
(a) 80°C (b) More than 50°C but less than 80°C (c) 20°C (d) around 40°C
2. The device which converts chemical energy into electrical energy is
(a) Fan (b) solar cell (c) cell (d) television.
3. Out of the following an example of a desirable change is
(a) rusting (b) change of seasons (c) earthquake (d) flooding
4. The gas given out during photosynthesis is
(a) carbon-di-oxide (b) Nitrogen (c) ozone (d) Oxygen.
5. Which one of the following is not a unicellular organism?
(a) Yeast (b) Amoeba (c) spirogyra (d) Bacteria

5 X 1 = 5

II. Fill in the blanks.

6. The **SI** unit of temperature is
7. The combination of two or more cells is called a.....
8. Boiling of egg results inchange.
9. Gas turns lime water milky.
10. The egg of an Ostrich is thesingle cell.
11. **Match the following:**

5 X 1 = 5

sl.no.	Symbol	Description
1		open key
2		cell
3		bulb glows
4		battery
5		bulb does not glow

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IV. Write any 5 questions only:

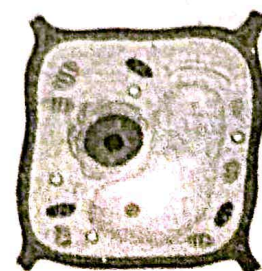
5 X 2 = 10

12. What is temperature?
13. Distinguish between heat and temperature.
14. Circle the odd one out. Give reason for your choice. Switch, Bulb, Battery, Generator.
15. **Arrange in sequence**
A CELL A DEVICE ELECTRICAL ENERGY
IS CALLED IN TO CHEMICAL ENERGY THAT CONVERTS
16. Define a slow change.
17. What happens when paper is burnt?
18. **Arrange in a correct sequence**
(a) Elephant, cow, Bacteria, Mango, Rose plant.
(b) Hen's Egg, Ostrich's egg, Insect's egg.
19. **Analogy:**
(a) Prokaryote: Bacteria ; Eukaryote (b) Food producer: Chloroplasts; Power house:.....

V. Write any 1 question only:

1 X 5 = 5

20. Explain thermal expansion with suitable examples.
21. Give one example for each case that happens around you.
(a). slow and fast change (b). Reversible and Irreversible change.
(c). Decaying of food..... change (Desirable / Undesirable)
22. Identify any **Five** parts of the Plant cell.
(Golgi apparatus, Chloroplast, Nucleus, Nucleolus,
Endoplasmic Reticulum, cell wall, Mitochondria)



TTK-6-SCI EM -single