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Melacavay - Kumbakonam - Thanjavur District

SECOND MID TERM EXAMINATION - NOVEMBER - 2024

(28.11.24)

STD : 6

SCIENCE

MARKS : 30

5 X 1 = 5

TIME : 1 HOUR

I. CHOOSE THE CORRECT ANSWER.

- 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
- The device which converts chemical energy into electrical energy is
(a) Fan (b) solar cell (c) cell (d) television.
- Out of the following an example of a desirable change is
(a) rusting (b) change of seasons (c) earthquake (d) flooding
- The gas given out during photosynthesis is
(a) carbon-di-oxide (b) Nitrogen (c) ozone (d) Oxygen.
- Which one of the following is not an unicellular organism?
(a) Yeast (b) Amoeba (c) spirogyra (d) Bacteria

5 X 1 = 5

II. Fill in the blanks.

- The SI unit of temperature is
- The combination of two or more cells is called a.....
- Boiling of egg results inchange.
- Gas turns lime water milky.
- The egg of an Ostrich is thesingle cell.

5 X 1 = 5

11. Match the following:

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

5 X 2 = 10

IV. Write any 5 questions only:

- What is temperature?
- Distinguish between heat and temperature.
- Circle the odd one out. Give reason for your choice. Switch, Bulb, Battery, Generator.
- Arrange in sequence
A CELL A DEVICE ELECTRICAL ENERGY
IS CALLED IN TO CHEMICAL ENERGY THAT CONVERTS
- Define a slow change.
- What happens when paper is burnt?
- Arrange in a correct sequence
(a) Elephant, cow, Bacteria, Mango, Rose plant.
(b) Hen's Egg, Ostrich's egg, Insect's egg.

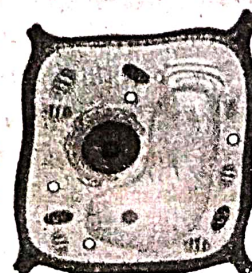
19. Analogy:

- (a) Prokaryote: Bacteria ; Eukaryote (b) Food producer: Chloroplasts; Power house:.....

1 X 5 = 5

V. Write any 1 question only:

- Explain thermal expansion with suitable examples.
- 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)
- Identify any Five parts of the Plant cell.
(Golgi apparatus, Chloroplast, Nucleus, Nucleolus, Endoplasmic Reticulum, cell wall, Mitochondria)



TTK-6-SCI EM -single