

7 - Std

SECOND MID TERM TEST - 2022
SCIENCE

1 2 2 6

Time : 1.30 Hrs

Mark : 50

I Choose the correct answer.

5 X 1 = 5

1. The body temperature of a healthy man is
 a) 0°C b) 37°C c) 98°C d) 100°C
2. 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
3. helps in cell division
 a) Endoplasmic reticulum b) Golgi complex
 c) Centriole d) Nucleus
4. The largest division of the living world is
 a) Order b) Kingdom c) Phylum d) Family
5. The following characteristics are essential for classification
 a) Similarities b) Differences
 c) Both them d) None of them

II Fill in the blanks.

5 X 1 = 5

1. Species is the unit of classification.
2. At room temperature Mercury is in state.
3. Respiration is a change.
4. The binomial name of rice is *Oryza sativa*
5. Mature red blood cell do not contain a *Nucleus*.

III Match the following.

5 X 1 = 5

- | | | |
|---------------------------|---|----------------|
| 1. Heat | - | Lysosome 3 |
| 2. Power house | - | 37°C 4 |
| 3. Suicidal bag | - | 0°C 5 |
| 4. Human body temperature | - | Mitochondria 2 |
| 5. Melting point of water | - | energy 1 |

IV Analogy:

2 X 1 = 2

- a) Adipose : tissue :: eye : ...
 b) Chloroplast : Photosynthesis : : Mitochondria : ...

V Draw a diagram of plant cell and label the parts.

3

VI Classify the following changes as physical and chemical changes.

6

1. Dosa from the batter, occurrence of a thunderstorm, Rotation of the earth, Rusting of a Iron nail, Burning of match stick, painting the grill.

Physical Changes

.....

Chemical Changes

.....

2. Classify the following terms into cells Tissues & Organs in the Tabular column given below.

4

Hand, Muscle, Heart & RBC.

Cell	Tissue	Organ
RBC	Muscle	Hand Heart

VII Give long answer any two of the following.

2 X 5 = 10

- State the similarities and differences between the laboratory thermometer and the clinical thermometer.
- Explain the following statement - Digestion is a chemical change.
- Write about any three organelles in detail. Mitochondria, Chloroplast, & Lysosomes.

VIII Answer the following.

2 X 5 = 10

- Draw and label the parts of a clinical thermometer.
- Convert the given temperature :
 - $45^{\circ}\text{C} = \dots\text{F}$.
 - $0^{\circ}\text{C} = \dots\text{K}$.

