

INTERNAL ASSESSMENT
CHEMISTRY

Full Marks: 20

Class-VIII

Time: 45 minutes

Attempt all questions

1. [1x3=3]

- i. Name the scientist who gave law of conservation of mass.
- ii. Who developed the technique of pasteurization of milk?
- iii. Write one major difference between physical and chemical changes.

2. [2x4=8]

- i. Particles of which matter move with high speed and why?
- ii. Give reason to support that digestion of food is a chemical change.
- iii. Classify the following into exothermic and endothermic changes:
 - a) Burning of coal
 - b) respiration
 - c) Melting of ice
 - d) dissolution of glucose in water
- iv. Why rusting of iron cannot be called a periodic change?

3. [3x3=9]

- i. State the law of conservation of mass. Explain with an example.
- ii. With the help of an activity, prove that dissolution of sugar in water is a physical change.
- iii. What are the three factors that affect the rate of evaporation?

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