

FORMATIVE ASSESSMENT-1  
CHAPTERS - 1,2

Name:..... Section:..... Roll No:..... Max.Marks:20

**I. Answer the following questions. Each carries four marks. 2 x 4 = 8 M**

1) The rate of raise in temperature depends upon the nature of substances. How can you prove experimentally?

2) Balance the following chemical equations.



**II. Answer the following questions briefly. Each carries two marks. 2 x 2 = 4 M**

3) Write the differences evaporation and boiling.

4) Write any two chemical equations of reactions in which gases are liberated.

**III. Answer the following in one or two sentences. Each carries one marks. 2 x 1 = 2 M**

5) If glucose powder is added to a glass of water. What happened? Identify whether it is an exothermic reaction or an endothermic reaction?

6) Define specific heat.

**IV. Choose the correct choice and write down in the given brackets. 6 x 1 = 6 M**

7) The brown coloured gas released when Lead nitrate is heated is ..... [     ]

A. Hydrogen

B. Nitrogen

C. Nitrogen dioxide

D. Carbon dioxide

8) Boiling point of water is ..... the boiling point of Spirit. [     ]

A. greater than

B. less than

C. equal to

D. None of the above

9) 1 calorie = .....Joule [     ]

A. 4.4

B. 4.1

C. 4.2

D. 4.3

10) Heat flows from [     ]

A. Hot body to hot body

B. Hot body to cold body

C. Cold body to hot body

D. Cold body to cold body

11) The energy released in which 1 gm of water at 0°C freezes to 1 gm of ice at 0°C [     ]

A. 80 cal

B. 540 cal

C. 640 cal

D. 720 cal

12) Precipitate can be shown as ..... In chemical equations. [     ]

A. ←

B. ↑

C. ↓

D. →