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) How do you determine the specific heat of Aluminium shots by using calorimeter.

2) Your friend has a doubt about Chemical double displacement raction. How can you clarify his/her doubt by showing an experiment? Explain.

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

3) Write the differences between oxidation and reduction. Give example.

4) Balance the following chemical equation (photo synthesis reaction):

$CO_2 + H_2O \rightarrow C_6H_{12}O_6 + O_2$

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

5) Define latent heat of a substance.

6) What is the principle of method of mixtures, according to heat?

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

7) When ice melts, its temperature [ ]

A. Remains constant **B.** Increases

C. Decreases **D.** We can not say

8) The water droplets floating in the air is called [ ]

A. mist **B.** fog **C.** dew **D.** mist / fog

9) What would be the final temperature of a mixture of 60 g of water at 40^oC temperature and 60 g of water at 80^oC temperature? [ ]

A. 70^oC **B.** 50^oC **C.** 60^oC **D.** 65^oC

10) $2Mg + O_2 \rightarrow 2MgO$ …..Which chemical reaction it is [ ]

A. Combination **B.** Decomposition

C. Displacement **D.** Double displacement

11) Brass is the combination of [ ]

A. Zn + Sn **B.** Zn + Cu **C.** Sn + Cu **D.** Zn + Fe

12) …….. gas is liberated when lime stone is heated. [ ]

A. Oxygen **B.** Hydrogen **C.** Nitrogen **D.** Carbon dioxide

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