

FORMATIVE ASSESSMENT-1
CHAPTERS - 1,2

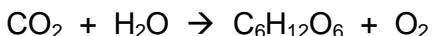
Name:..... Section:..... Roll No:..... Max.Marks:20

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 reaction. 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):



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°C temperature and 60 g of water at 80°C temperature? []
 - A. 70°C
 - B. 50°C
 - C. 60°C
 - D. 65°C
- 10) $2\text{Mg} + \text{O}_2 \rightarrow 2\text{MgO}$ 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