FORMATIVE ASSESSMENT-1

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

……

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

1) Ravi asked a doubt, "Is sea water evaporates or boils to give salt ?". How can you give answer to Ravi by comparing both the processes.

2) Draw a neat labeled diagram showing electrolysis process of water.

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

3) How much heat energy is required to raise 20 Kg of water from 25^oC to 75^oC ?

4) Is the following equation a balanced equation ? How can you say ?

$2\ C_3H_8 + 10\ O_2 \rightarrow 6\ CO_2 + 8H_2O$

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

5) Convert 20^oC in to Kelvin scale.

6) While Rama was drinking water, some water spilled on the floor. After some time the water on the floor disappeared. What happened ?

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

7) Three bodies A, B and C are in thermal equilibrium. The temperature of B is 45^oC. Then the temperature of C is …… [ ]

A. 45^oC **B.** 50^oC

C. 40^oC **D.** Any temperature

8) Processes : (i) Gain of Oxygen (ii) Gain of Hydrogen

(iii) Loss of Oxygen (iv) Loss of Hydrogen

Oxidation means [ ]

A. (i) , (ii) **B.** (ii), (iii) **C.** (i), (iv) **D.** (iii), (iv)

9) Which of the following is defined as the degree of hotness or coldness ? [ ]

A. Temperature **B.** Specific heat

C. Heat **D.** Thermal equilibrium

10) Formation of due is an example for [ ]

A. Evaporation **B.** Boiling

C. Condensation **D.** Melting

11) $Zn + 2\ HCl \rightarrow ZnCl_2 + H_2$ is an example for …….. [ ]

A. Chemical combination **B.** Chemical decomposition

C. Chemical displacement **D.** Chemical double displacement

12) Match the following

Substance	Colour
(i) MgO	(a) Black
(ii) CuO	(b) Yellow
(iii) PbI	(c) Colourless
(iv) $Ca(OH)_2$	(d) White

Choose the correct answer: [ ]

A. (i)-a, (ii)-c, (iii)-b, (iv)-d **B.** (i)-c, (ii)-a, (iii)-b, (iv)-d

C. (i)-d, (ii)-a, (iii)-b, (iv)-c **D.** (i)-d, (ii)-c, (iii)-b, (iv)-a

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