

# FORMATIVE ASSESSMENT-1

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

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

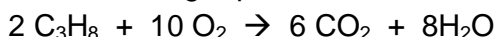
1) Ravi asked a doubt, "Is sea water evaporates or boils to give salt ?". How can you give answer to Ravi by comparing both the processes.

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°C to 75°C ?

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



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

5) Convert 20°C 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°C. Then the temperature of C is ..... [ ]

A. 45°C

B. 50°C

C. 40°C

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 dew is an example for [ ]

A. Evaporation

B. Boiling

C. Condensation

D. Melting

11)  $\text{Zn} + 2 \text{HCl} \rightarrow \text{ZnCl}_2 + \text{H}_2$  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)  $\text{Ca}(\text{OH})_2$

(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

RALLAPALLI SAILAJA - 9703061819  
SA(PS) – Z.P. Girls High School  
KOVURU - NELLORE DISTRICT.

