

Class: X Name of Student.....

Acids, Bases and Salts & Metals and Non-Metals

Darken the circle against the correct option of the following questions(1-10) with pencil or pen. **1X10**

1. Fixed number of water molecules associated with one formula unit of a substance is called as

- a. Crystallization. ☐
- b. Water of crystallization. ☐
- c. Water of hydration. ☐
- d. Dilution ☐

2. Chemical formula of Gypsum is

- a. $\text{CaSO}_4 \cdot \text{H}_2\text{O}$. ☐
- b. $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ ☐
- c. $\text{CaSO}_4 \cdot 3\text{H}_2\text{O}$ ☐
- d. $\text{CaSO}_4 \cdot 4\text{H}_2\text{O}$. ☐

3. Colour of dehydrated Copper Sulphate is

- a. Black. ☐
- b. Blue. ☐
- c. White ☐
- d. Green ☐

4. A chemical is used for disinfecting drinking water to make it free from germ. Its chemical formula is

- a. CaOCl ☐
- b. CaOCl_2 ☐
- c. CaOCl_3 ☐
- d. CaOCl_4 . ☐

5. Slaked lime is

- a. Calcium Oxide ☐
- b. Calcium Oxychloride. ☐
- c. Calcium Carbonate. ☐
- d. Calcium Hydroxide. ☐

6. An element reacts with oxygen to give a compound with a high melting point. This compound is also soluble in water. The element is likely to be-

- a. Calcium ☐
- b. Carbon ☐
- c. Silicon ☐
- d. Iron ☐

7. The non – metal which can conduct electricity is-

- a. Graphite ☐
- b. Iodine ☐
- c. Silicon ☐
- d. Diamond ☐

8. The compounds which react with acids as well as bases to produce salts and water are called as

- a. Acidic oxides ☐
- b. Basic oxides. ☐
- c. Amphoteric oxides. ☐
- d. Neutral oxides. ☐

9. The metal which is liquid at room temperature is

- a. Na ☐
- b. Hg ☐
- c. Mg ☐
- d. Mn ☐

10. The property of metals used for making strings of musical instruments like Sitar is -

- a. Sonorous ☐
- b. Malleability ☐
- c. Ductility. ☐
- d. Conductivity. ☐