1. **Which one of the following reacts with Aluminium is used to join railway tracks or cracked machine parts ?** ( )

A) Iron oxide B) Iron (III) oxide

C) Iron (II) oxide D) Iron (IV) oxide

2. **Pyrolusite is an ore of** ( )

A) Zn B) Al

C) Mn D) Mg

3. **Which of the following is the outlet through which fuel gases go out the furnace ?** ( )

A) Chimney B) Flux

C) Hearth D) Fire box

4. **Which of the following is a method of improving the properties of a metal ?** ( )

A) Galvanizing B) Smelting

C) Corrosion D) Alloying

5. **Which of the following metals are moderately reactive ?** ( )

A) Pb B) Fe

C) Zn D) All of these

6. **Which of the following is the formula of calcium silicate ?** ( )

A) $CaSiO_3$ B) CaSiO

C) $CaSiO_2$ D) CaSi

7. **Which of the following process occurs in the presence of oxygen or air below its melting point ?** ( )

A) Roasting B) Smelting

C) Calcination D) A and C

8. **Generally which furnace is used for roasting ?** ( )

A) Furnace

B) Blast furnace

C) Reverberatory furnace

D) All of these

9. **The process of obtaining the pure metal from the impure metal is called ..... of the metal.** ( )

A) Liquation B) Refining

C) Poling D) Distillation

10. **Carnallite is an ore of** ( )

A) Cu B) Al

C) Mg D) Zn

11. **Which of the following process occurs in the absence of air ?** ( )

A) Calcination B) Roasting

C) Smelting D) A and C

12. **Which of the following one, we need to make gold hard ?** ( )

A) Aluminium, Silver

B) Silver, Zinc

C) Zinc, Copper

D) Silver, Copper

13. **Which of the following is an example of corrosion ?** ( )

A) Development of green coating on copper

B) Rusting of iron

C) Tarnishing of silver

D) All of these

14. **Which of the following is most common metal in the Earth's crust ?** ( )

A) Zn B) Cu

C) Al D) Mg

15. **Which of the following are the ores of magnesium (Mg) ?** ( )

A) Carnallite B) Magnesite

C) Epsom salt D) All of these

16. **The reducing agent in thermite process is** ( )

A) Al B) Fe

C) Si D) Mg

LIVEWORKSHEETS