

7.2 ZINC- MCQS

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- The metal not found in the free state is
 - Cu
 - Au
 - Ag
 - Zn
- Which of the following is an ore of zinc?
 - Zinc blende
 - Philosopher's wool
 - Chalcopyrite
 - Ruby copper
- In the electro-refining of zinc, the cathode must be
 - Pure Zn
 - graphite
 - Pt
 - Impure Zn
- What result do you find when molten zinc metal is poured into cold water?
 - Zinc dust
 - Granulated Zinc
 - Hard zinc metal
 - Soft zinc metal
- Zinc oxide is known as
 - Zinc white
 - Chinese white
 - Philosopher's wool
 - all
- Coating a thin layer of zinc on the surface of iron is done to protect it from rusting. What is this process called?
 - Electroplating
 - Galvanization
 - Metallizing
 - tempering
- The iron pipes carrying drinking water are covered with Zinc to prevent rusting. This process is called
 - Alloy formation
 - electroplating
 - Galvanization
 - electrifying
- Which of the following processes is applied for the galvanization of iron sheet?
 - Cu-plating
 - Sn-plating
 - Ag-plating
 - Zn-plating
- Lithopone is a mixture of
 - ZnSO_4 and BaSO_4
 - ZnS and BaSO_4
 - ZnCO_3 and BaCO_3
 - ZnS and Na_2SO_4
- Which of the following indicates a lithopone?
 - $\text{Zns} + \text{BaSO}_4$
 - $\text{ZnSO}_4 + \text{BaSO}_4$
 - $\text{ZnCO}_3 + \text{BaSO}_4$
 - $\text{ZnS} + \text{BaSO}_3$
- What is the formula of white vitriol?
 - $\text{ZnSO}_4 \cdot 5\text{H}_2\text{O}$
 - $\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$
 - $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$
 - $\text{FeSO}_4 \cdot 6\text{H}_2\text{O}$
- White vitriol is
 - $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$
 - $\text{FeSO}_4 \cdot 6\text{H}_2\text{O}$
 - $\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$
 - $\text{ZnSO}_4 \cdot 5\text{H}_2\text{O}$

13. Which of the following reducing agents is used in the smelting of zinc oxide?
 - A. Aluminium
 - B. Copper
 - C. Carbon dioxide
 - D. Carbon
14. Which of the following reactions takes place during the smelting of zinc oxide?
 - A. $\text{ZnO} + \text{C} \rightarrow \text{Zn} + \text{CO}$
 - B. $\text{ZnCO}_3 \rightarrow \text{ZnO} + \text{CO}_2$
 - C. $\text{ZnSO}_4 \rightarrow \text{ZnO} + \text{SO}_2$
 - D. $\text{ZnS} + \text{O}_2 \rightarrow \text{ZnO} + \text{SO}_2$
15. Which of the following is an ore of zinc?
 - A. Haematite
 - B. Lunar caustic
 - C. Calamine
 - D. Calomel
16. Which of the following is a major use of zinc?
 - A. Electrical wiring
 - B. Galvanizing iron
 - C. Making jewelry
 - D. Manufacturing glass
17. Lithopone can be used as
 - A. eye lotion
 - B. antiseptic
 - C. paint
 - D. Rinmann's green
18. Calamine is an ore of
 - A. Lead
 - B. Zinc
 - C. Tin
 - D. mercury
19. When sulphide ores are converted into oxides by heating strongly in the presence of excess air, the process is known as
 - A. Roasting
 - B. Smelting
 - C. Calcination
 - D. refining
20. During smelting, an additional substance is added, which combines with impurities to form a fusible product known as

A. Slag	b. Mud	c. Gangue	d. Flux
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21. A test tube contains heptahydrated zinc sulphate crystals. What are they commonly known as?

A) Blue vitriol	B) White vitriol	C) Green vitriol	D) Oil of vitriol
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