

Date Planned : __ / __ / __	Daily Tutorial Sheet-1	Expected Duration : 90 Min
Actual Date of Attempt : __ / __ / __	Level-1	Exact Duration : _____

1. Match the compounds (A) with their applications/colour in (B) :

A		B	
I.	Pb_3O_4	W.	White lead
II.	$(\text{PbCO}_3)_2 \cdot \text{Pb}(\text{OH})_2$	X.	rust proofing sheets
III.	Ca_2PbO_4	Y.	road signs and markings
IV.	PbCrO_4	Z.	red lead

Choose the correct alternate :

	I	II	III	IV		I	II	III	IV
(A)	Y	Z	X	W	(B)	X	W	Y	Z
(C)	Z	W	X	Y	(D)	X	Y	W	Z

2. Which of the following does not contain Mg ?

(A) Magnetite	(B) Magnesite	(C) Asbestos	(D) Carnallite
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3. Cassiterite is an ore of :

(A) Mn	(B) Ni	(C) Sb	(D) Sn
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4. Which ore contains both iron and copper ?

(A) Cuprite	(B) Chalcocite
(C) Chalcopyrite	(D) Malachite

5. Among the following statements, the incorrect one is :

- (A) Zinc blende and Iron pyrite are sulphides
(B) Calamine and Siderite are carbonates
(C) Malachite and Chalcocite are the copper ore
(D) Argentite and Cuprite are oxides

6. Which of the following metal is correctly matched with its ore ?

Metal		Ore	
(A)	Zinc	(p)	Calamine
(B)	Silver	(q)	Ilmenite
(C)	Magnesium	(r)	Cassiterite
(D)	Tin	(s)	Azurite

7. Which of the following set of elements mostly occur as sulphide ores ?

(A) Zn, Cu, Na	(B) Zn, Cu, Pb	(C) Fe, Al, Ti	(D) Cu, Ag, Au
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8. Which one contains both Ca and Mg ?

(A) Limestone	(B) Dolomite	(C) Chalk	(D) Feldspar
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9. Match Column-I with Column-II and select the correct answer using the codes given below :

Column-I (Metals)					Column-II (Ores)				
(1)	Tin				(p)	Calamine			
(2)	Zinc				(q)	Cassiterite			
(3)	Titanium				(r)	Cerrusite			
(4)	Lead				(s)	Rutile			
	1	2	3	4		1	2	3	4
(A)	p	q	r	s	(B)	q	p	s	r
(C)	s	r	q	p	(D)	q	p	r	s

10. Which of the following is not an ore of magnesium?

(A) Carnallite (B) Magnesite (C) Dolomite (D) Gypsum

11. Which one of the following is not an ore of aluminium?

(A) Bauxite (B) Corundum (C) Epsomite (D) Cryolite

12. Cinnabar is the ore of :

(A) Zn (B) Cd (C) Hg (D) Ag

13. Which of the following minerals does not contain iron?

(A) Magnetite (B) Magnesite (C) Haematite (D) Limonite

14. A mineral is usually associated with a large amount of unwanted material called :

(A) Gangue (B) Flux (C) Slag (D) Ore

15. Which one of the following elements is most abundant in earth crust?

(A) Aluminium (B) Silicon (C) Carbon (D) Oxygen