

METALS, NON METALS, MINERALS, ORES, PROPERTIES, USES BASED GENERAL SCIENCE MCQ PRACTICE QUESTIONS AND ANSWERS PDF WITH EXPLANATION

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Q1. Sodium is obtained by the electrolysis of

- a) fused sodium chloride
 - b) an aqueous solution of sodium chloride
 - c) an aqueous solution of sodium hydroxide
 - d) fused sodium sulphate
-

Q2. Monazite is an ore of

- a) Thorium
 - b) Titanium
 - c) Zirconium
 - d) Iron
-

Q3. Horn silver is

- a) a carbonate ore of silver
 - b) an oxide ore of silver
 - c) a sulphite ore of silver
 - d) a chloride ore of silver
-

Q4. Which of the following is not a nitrogenous fertilizer?

- a) CaCN_2
- b) NH_4NO_3
- c) $\text{Ca}(\text{CN})_2$

d) Urea

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Q5. Mercury is basically used in thermometer devices because its especiality is

- a) High liquidity
- b) High circulation power
- c) High density
- d) High specific heat

Q6. Aluminium is used in thermite welding because -

- a) aluminium is a strong oxidising agent
- b) aluminium is a light metal
- c) aluminium has more affinity for oxygen
- d) aluminium is a reactive metal

Q7. Statement I:

Soaps do not form lather with water containing salts of calcium and magnesium.

Statement II:

Calcium and magnesium salts of long chain fatty acids are insoluble in water.

- a) Both the statements are individually true but Statement II is not the correct explanation of Statement I.
- b) Statement I is true, but Statement II is false.
- c) Both the statements are individually true and Statement II is the correct explanation of Statement I.
- d) Statement I is false, but Statement II is true.

Q8. Match List-I with List-II:

List-I (Naturally occurring substance)	List-II (Elements present)
A. Diamond	1. Calcium
B. Marble	2. Silicon
C. Sand	3. Aluminium
D. Ruby	4. Carbon

Select the correct answer using the codes given below the list:

- a) 4 2 1 3
- b) 2 1 3 4
- c) 3 1 2 4
- d) 4 1 2 3

Q9. Which among the following elements is abundant on the lunar surface and holds the potential to put an end to the energy crisis of the earth?

- a) Helium-II
- b) Helium-III
- c) Helium-I
- d) Helium-IV

Q10. German silver is a mixture of –

- a) copper, nickel and zinc
- b) copper and zinc
- c) copper and tin
- d) aluminium, copper and traces of Mg and Mn.

Q11. Match List-I with List-II:

List-I	List-II
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A. Best conductors of heat and electricity	1. Gold
B. The highest amount of metal is found	2. Lead
C. Most flexible and able to increase by bang metal	3. Aluminium
D. Minimum heat conducting	4. Silver

Select the correct answer using the codes given below the list:

- a) 2 3 4 1
- b) 3 2 4 1
- c) 1 3 2 4
- d) 4 3 1 2

Q12. Graphite is a/an –

- a) metalloid
- b) alloy
- c) metal
- d) non-metal

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Q13. Which one of the following is the secondary source of light in a fluorescent lamp?

- a) Argon gas
- b) Mercury vapour
- c) Neon gas
- d) Fluorescent coating

Q14. Brass is a mixture of

- a) copper, nickel and zinc
 - b) copper and zinc
 - c) copper and tin
 - d) aluminium, copper and traces of Mg and Mn
-

Q15. The process of extraction of metal from its ores, is known as

- a) purification
 - b) concentration
 - c) calcination
 - d) metallurgy
-

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Answers to the above questions :

Q1. Answer: (a)

Q2. Answer: (a)

Q3. Answer: (d)

Chemical formula of horn silver is AgCl.

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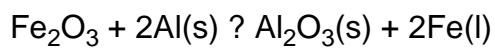
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Q4. Answer: (c)

Q5. Answer: (b)

Q6. Answer: (c)



Q7. Answer: (c)

Q8. Answer: (d)

Q9. Answer: (b)

Q10. Answer: (a)

German silver is a mixture of Cu (60%), Zn (20%) and Ni (20%).

Q11. Answer: (d)

Q12. Answer: (d)

Q13. Answer: (d)

Q14. Answer: (b)

Brass is a mixture of 80% Cu & 20% Zn.

Q15. Answer: (d)

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