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For All Competitive SSC, Bank, IBPS, UPSC, Railway, IT & Other Govt. Exams

Created By [Careericons](https://careericons.com) Team

Q1. Chemically 'Plaster of Paris' is

- a) Calcium Carbonate
 - b) Calcium Oxide
 - c) Calcium Sulphate
 - d) Calcium Oxalate
-

Q2. Which of the following metals reacting with sodium hydroxide solution produce hydrogen gas?

- A. Cu
 - B. Al
 - C. Fe
 - D. Zn
- a) A and D
 - b) B and D
 - c) B and C
 - d) B only
-

Q3. Iron is obtained from

- a) Pitch-blende
 - b) Monazite Sand
 - c) Limestone
 - d) Hematite
-

Q4. The only metal that is liquid at room temperature is -

- a) zinc
- b) mercury
- c) sodium
- d) tungsten

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Q5. Which one of the following is the softest?

- a) Aluminium
- b) Iron
- c) Sodium
- d) Copper

Q6. Which is the most reactive metal?

- a) Calcium
- b) Iron
- c) Sodium
- d) Potassium

Q7. Yellow colour of usual nitric acid is due to the presence of which one of the following?

- a) NO
 - b) N₂₅
 - c) N₂O
 - d) NO₂
-

Q8. The most commonly used substance in fluorescent tubes are

- a) Sodium Vapour and Neon
 - b) Mercury Vapour and Argon
 - c) Sodium Oxide and Argon
 - d) Mercuric Oxide and Neon
-

Q9. Which one among the following does not have an allotrope?

- a) Sulphur
 - b) Nitrogen
 - c) Oxygen
 - d) Carbon
-

Q10. Which of the following is a good conductors of heat and electricity?

- a) Chlorine
 - b) Graphite
 - c) Oxygen
 - d) Nitrogen
-

Q11. Naturally occurring substances from which a metal can be profitably (or economically) extracted are called?

- a) Gangue
 - b) Minerals
 - c) Ores
 - d) Salts
-

Q12. Consider the following statements: Nitrogen is an essential constituent of

- i. Soils
- ii. Animals

iii. Plants

Which of the statements given above is/are **correct**?

- a) (i) and (ii) only
- b) (iii) only
- c) (i) and (iii) only
- d) (i), (ii) and (iii)

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Q13. Why is nitrogen molecule chemically less active?

- a) It has high electronegativity
- b) It has high dissociation energy
- c) It has small atomic radius
- d) It has stable electronic configuration

Q14. The metalloids include the elements

- a) Germanium, Tellurium
- b) Boron, Silicon
- c) Arsenic, Antimony
- d) All of these

Q15. Which of the following mineral does not contain Al ?

- a) Feldspar
- b) Cryolite
- c) Mica
- d) Fluorspar

Answers to the above questions :

Q1. Answer: (c)

Q2. Answer: (a)

Q3. Answer: (d)

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Q4. Answer: (b)

Mercury is the only element even being metal is liquid at room temperature.

Q5. Answer: (c)

Q6. Answer: (d)

Q7. Answer: (d)

Q8. Answer: (b)

Q9. Answer: (b)

Q10. Answer: (b)

Graphite is the only non-metal, which is a good conductor of heat and electricity.

Q11. Answer: (c)

Q12. Answer: (d)

Nitrogen is an essential constituent of all vegetables and animal proteins.

Soil contains nitrogen as ammonium salts.

Q13. Answer: (b)

Q14. Answer: (b)

Both boron and silicon are metalloids.

Q15. Answer: (d)

Fluorspar (CaF_2),

Cryolite (Na_3AlF_6),

Feldspar (KAlSi_3O_8) and

Mica ($\text{K}_2\text{O} \cdot 3\text{Al}_2\text{O}_3 \cdot 6\text{SiO}_2 \cdot 2\text{H}_2\text{O}$)

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