

Chemistry Q&A – 26th July 2017:**Q1. Which of the following is a mixture?**

- (a) Gunpowder
- (b) Iron sulphate
- (c) Brass
- (d) Dry ice

Ans.(a)**Q2. All noble gases are—**

- (a) Colourless
- (b) Odourless
- (c) Colourless and Odourless
- (d) Light blue

Ans.(c)**Q3. Which of the following is not a compound of calcium?**

- (a) Gypsum
- (b) Marble
- (c) Chalk
- (d) Molybdenum

Ans.(d)**Q4. Elements that show the properties of both metals and non-metals are called—**

- (a) Allotropes
- (b) Metalloids
- (c) Alloys
- (d) Colloids

Ans.(b)**Q5. Which of the following is incorrect?**

- (a) Mercury : Hg
- (b) Silver : Ag
- (c) Sodium : Na
- (d) Potassium : Ka

Ans.(d)**Q6. The most abundant rare gas in the atmosphere is—**

- (a) He
- (b) Ne
- (c) Ar
- (d) Xe

Ans.(c)**Q7. The most malleable metal is—**

- (a) Platinum
- (b) Silver
- (c) Iron
- (d) Gold

Ans.(d)**Q8. Which among the following is not a noble gas?**

- (a) Argon
- (b) Radon
- (c) Neon
- (d) Bromine

Ans.(d)

Q9. Which of the following property is true of an alkali metal?

- (a) Low electronegativity
- (b) Low ionisation weights
- (c) Low density
- (d) All of the above

Ans.(d)

Q10. With increasing bond order, stability of a bond—

- (a) Decreases
- (b) Increases
- (c) Remains unchanged
- (d) None of these

Ans.(b)

Q11. The chemical name of vitamin C is—

- (a) Citric acid
- (b) Ascorbic acid
- (c) Oxalic acid
- (d) Nitric acid

Ans.(b)

Q12. Chlorine atom becomes a chloride ion by—

- (a) Losing an electron
- (b) Gaining an electron
- (c) Sharing its electron with another element
- (d) Gaining a neutron

Ans.(b)

Q13. All the following are examples of chemical change, except—

- (a) Magnetising of iron nails
- (b) Rusting of iron rods
- (c) Digestion of food
- (d) Souring of milk

Ans.(a)

Q14. Acid and alcohol react to form—

- (a) Aldehyde and water
- (b) Ketone and water
- (c) Acid anhydride and water
- (d) Ester and water

Ans.(d)

Q15. The process of elimination of water from any system is called—

- (a) Oxidation
- (b) Reduction
- (c) Dehydration
- (d) Evaporation

Ans.(c)