

Chemistry Q&A - 28th July 2017:

Q1. Which one of the following is another name of RDX?

- (a) Cyanohydrin
- (b) Dextran
- (c) Cyclohexane
- (d) Cyclonite

Ans: D

Q2. Which one of the following is also called stranger gas?

- (a) Argon
- (b) Neon
- (c) Xenon
- (d) Nitrous oxide

Ans: C

Q3. Salts of which of the following elements provide colours to fireworks?

- (a) Zinc and sulphur
- (b) Potassium and mercury
- (c) Strontium and barium
- (d) Chromium and nickel

Ans: C

Q4. An aqueous solution of copper sulphate is acidic in nature because the salt undergoes

- (a) Dialysis
- (b) Electrolysis
- (c) Hydrolysis
- (d) Photolysis

Ans: C

Q5. Most of the explosions in mines occur due to the mixing of-

- (a) Hydrogen with oxygen
- (b) Oxygen with acetylene
- (c) Methane with air
- (d) Carbon dioxide with ethane

Ans: C

Q6. The chemical name of laughing gas is-

- (a) Nitrous oxide
- (b) Nitric oxide
- (c) Nitrogen dioxide
- (d) Nitrogen peroxide

Ans: a

Q7. The alum used for purifying water is-

- (a) Potash alum
- (b) Ammonium alum
- (c) Chrome alum
- (d) Ferric alum

Ans: a

Q8. Silk is a-

- (a) Carbohydrate
- (b) Fat
- (c) Hydrocarbon
- (d) Protein

Ans: d

Q9. Milk is an example of-

- (a) Sol
- (b) Gel
- (c) Emulsion
- (d) Suspension

Ans: C

Q10. In polluted water, the dissolved oxygen in it-

- (a) Increases
- (b) Becomes zero
- (c) Decreases
- (d) Bubbles out

Ans: C

Q11. Amino acids are the building blocks of-

- (a) Vitamins

- (b) Starch
- (c) Proteins
- (d) Lipids

Ans: C

Q12. Diamond is an allotrope of-

- (a) Tin
- (b) Silicon
- (c) Sulphur
- (d) Carbon

Ans: d

Q13. Camphor can easily be purified by the process of

- (a) Sublimation
- (b) Distillation
- (c) Crystallisation
- (d) Sedimentation

Ans: a

Q14. The high reactivity of fluorine is due to-

- (a) Its high electronegativity
- (b) Small size of fluorine atom
- (c) Availability of d-orbitals
- (d) Strong F-F bond

Ans: a

Q15. Which of the following is not a chemical action?

- (a) Burning of coal
- (b) Conversion of water into steam
- (c) Digestion of food
- (d) Burning of paper

Ans: b

Q16. Solder is an alloy of

- (a) tin and lead
- (b) tin and copper
- (c) tin, copper and zinc
- (d) tin, lead and zinc

Ans: a

Q17. Soap helps in cleaning clothes, because—

- (a) chemical of soap change
- (b) it increases the surface tension of the solution
- (c) it absorbs the dirt
- (d) it lowers the surface tension of the solution

Ans: d

Q18. Mildness of shaving cream is enriched by which one of the following?

- (a) Sodium silicate
- (b) Free fatty acid
- (c) Potassium carbonate
- (d) Sodium chloride

Ans: c

Q19. In isotopes the number of neutrons are—

- (a) same
- (b) different
- (c) both
- (d) None of these

Ans: b

Q20. Which one is not metal?

- (a) Sulphur
- (b) Sugar
- (c) Nitrogen
- (d) All of these

Ans: d

Q21. Scattering of light takes place in—

- (a) electroplating
- (b) electrolysis
- (c) solution of electrolyte
- (d) colloidal solution

Ans: d

Q22. What is iodised table salt?

- (a) An element
- (b) A compound
- (c) A heterogeneous mixture
- (d) A homogeneous mixture

Ans: c

Q23. In surgery, metal pins are used for joining together broken bones. These metal pins remain uncorroded in the body. What is the material of these pins?

- (a) Copper
- (b) Iron
- (c) Aluminium
- (d) Titanium

Ans: d

Q24. Which fertilizer is assimilated directly by the plant?

- (a) Super phosphate
- (b) Nitrolim
- (c) Muriate of Potash
- (d) Humus

Ans: d

Q25. Which gas is commonly used in anesthesia?

- (a) methane
- (b) nitrous oxide
- (c) nitrogen
- (d) hydrogen peroxide

Ans: b

Q26. Which one of the following elements is a metalloid?

- (a) Arsenic
- (b) Silicon
- (c) Aluminium
- (d) Both (a) & (b)

Ans: d

Q27. Baby Blue Syndrome is because of:

- (a) Phosphate
- (b) Sulphate

- (c) Carbonate
- (d) Nitrate

Ans: d

Q28. Which one of the following acid is formed during the change of milk into curd

- (a) Acetic acid
- (b) Ascorbic Acid
- (c) Citric Acid
- (d) Lactic Acid

Ans: d

Q29. The natural dye present in turmeric is known as

- (a) Cinnamon
- (b) Phenolphthalein
- (c) Methyl orange
- (d) Curcumin

Ans: d

Q30. Which gas is responsible for the swelling of bread?

- (a) Oxygen
- (b) Carbon monoxide
- (c) Ammonia
- (d) Carbon dioxide

Ans: d