

Chemistry General Science Test Hard Mode

Sr	Questions	Answers Choice
1	The treatment of benzene with isobutene in the presence of sulphuric acid give	A. Isobutyl benzene B. Tert-Butyl benzene C. n-Butyl benzene D. no reaction
2	Wt. of 112 ml of oxygen at NTP on liquefaction would be	A. 0.32 g B. 0.64 g C. 0.16 g D. 0.96 g
3	Which of the substances Na, Hg, S Pt and graphic can be used as electrodes in electrolytic cells having aqueous solution?	A. Na,Pt and graphite B. Na and Hg C. Pt and graphite only D. Na and S only
4	A zero order reaction is one whose rate is independent of	A. Temperature of the reaction B. The concentration of the reactants C. The concentration of the products D. The material of the vessel in which the reaction is carried out
5	When sulphur is boiled with Na_2SO_3 solution the compound formed is	A. Sodium sulphides B. Sodium sulphates C. Sodium persulphate D. Sodium thiosulphate
6	Carbon monoxide is pollutant as it	A. Inactivates nerves B. Inhibits glycolysis C. Combines with oxygen D. Combines with hemoglobin
7	Water (H_2O) is liquid while hydrogen sulphide (H_2S) is a gas because	A. Water has higher molecular weight B. Hydrogen sulphide is a weak acid C. Sulphur has high electronegativity than oxygen D. Water molecules associate through hydrogen bonding.
8	Which of the following is not present in RNA?	A. Uracil B. Thymine C. Ribose D. Phosphate
9	Which one is not usually used for the crystallization	A. Acetone B. Acetic acid C. Sulphuric acid D. Chloroform
10	Ethanol containing some methanol is called	A. Absolute spirit B. Rectified spirit C. Power alcohol D. Methylated spirit
11	Setting of plaster of paris involves	A. Oxidation with atmospheric oxygen B. Combination with atmosphere C. Dehydration D. Hydration to yield another hydrate.
12	Evaporation of water is	A. An exothermic change B. An endothermic change C. A process where no heat changes occur D. A process accompanied by chemical
13	Which of the following represents elements in order of increasing atomic size?	A. I,Br,Cl B. Na,Mg,C C. C,N,O D. Li,Na,K
14	The spectrum of helium is expected to be similar to that of	A. H B. Li^{+} C. Na D. Mg^{2+}

D. He⁺

15 Which of the following elements is most electronegative?

- A. Oxygen
- B. Chlorine
- C. Nitrogen
- D. Fluorine

16 The rate at which a substance reacts depends on its

- A. Atomic weight
- B. Equivalent weight
- C. Molecular weight
- D. Active mass

17 Sea weeds are important source of

- A. Iron
- B. Chlorine
- C. Iodine
- D. Bromine

18 Which one is not a pollutant normally?

- A. Hydrocarbons
- B. Carbon dioxide
- C. Carbon monoxide
- D. Sulphur dioxide

19 Al is more reactive than Fe but Al is less easily corroded than Fe Because

- A. It is a noble metal
- B. Oxygen forms a protective reaction easily with water
- C. Iron undergoes reaction easily with water
- D. Fe form mono and divalent ions.

20 Reaction of acids with alcohols is also known as

- A. Esterification
- B. Saponification
- C. Alkalization
- D. None