

## Chemistry General Science Test Hard Mode

Sr	Questions	Answers Choice
1	Which of the following cannot be produced by acidic dehydration of alcohols?	A. Ethers B. Aldehyde C. Alkyl Hydrogen sulphate D. Alkene
2	Atmosphere of big/metropolitan cities is polluted most by	A. Automobile exhausts B. Pesticide residue C. Household waste D. Radio-active fall out
3	Which of the following with aqueous KOH will give acetaldehyde?	A. 1,2-Dichloroethane B. 1, 1-Dichloroethane C. Chloroacetic acid D. Ethyl chloride
4	The unit of rate constant for a zero order reaction is	A. Liter sec <sup>-1</sup> B. Liter C. Mol liter <sup>-1</sup> sec <sup>-1</sup> D. Mol <sup>-1</sup> sec <sup>-1</sup>
5	Natural fertilizer provides phosphorus to plants in the form of P <sub>2</sub> O <sub>5</sub>	A. 1.2 kg B. 2.2 kg C. 3.2 kg D. 4 kg
6	The heats evolved in combustion of rhombic and monoclinic sulphur are - 70960 and - 71030 cal mol <sup>-1</sup> respectively what will be heat of conversion of rhombic sulphur to monoclinic?	A. 70960 calories B. 71030 calories C. -70 calories D. +70 calories
7	When electrons revolve in stationary orbits	A. There is no change in energy level B. They become stationary C. They are gaining kinetic energy D. There is increase in energy
8	The mass of the neutron is of the order of	A. 10 <sup>-23</sup> kg B. 10 <sup>-24</sup> kg C. 10 <sup>-26</sup> kg D. 10 <sup>-27</sup> kg
9	The number of electrons in the M shell of the element with atomic number 24 is	A. 24 B. 12 C. 13 D. 8
10	Natural fertilizer from plants and animals provide nitrogen	A. 1.5 kg B. 3.0 kg C. 4.5 kg D. 6 kg

A. Calcium acetate is heated with conc. H<sub>2</sub>SO<sub>4</sub>  
 B. Calcium formate is heated with calcium

11	Formic acid is obtained when	acetate C. Glycerol is heated with oxalic acid D. Acetaldehyde is oxidized with $K_2CrO_7$ and $H_2SO_4$
12	Fluorine does not show positive oxidation states due to the absence of	A. d-orbitals B. s-orbitals C. p-orbitals D. None
13	An electrolyte	A. Forms complex ions in solution B. Gives ions only when electricity is passed C. Possesses ions even in solid state D. Gives ions only when dissolved in water
14	The disaccharide present in milk is	A. Sucrose B. Maltose C. Lactose D. Cellobiose
15	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.
16	Which of the following substances is used as an antiknock compound?	A. Tetraethyl lead B. Lead tetrachloride C. Lead acetate D. Ethyl acetate
17	Sodium thiosulfate is used in photography because of its	A. <span style="font-size: 14.44444465637207px;">Oxidizing behaviour</span> B. <span style="font-size: 14.44444465637207px;">Reducing behaviour</span> C. <span style="font-size: 14.44444465637207px;">Complexing behaviour</span> D. <span style="font-size: 14.44444465637207px;">Photochemical behaviour</span>
18	Which of the following is not present in RNA?	A. Uracil B. Thymine C. Ribose D. Phosphate
19	Hybridization explain the----- of orbitals	A. Type of Bonding B. Shapes C. Shape and Type of bonding D. None of above
20	Heating a mixture of sodium benzoate and soda lime gives	A. Benzene B. Methane C. Sodium benzoate D. Calcium benzoate