

Chemistry General Science Test Hard Mode

Sr	Questions	Answers Choice
1	The last orbit of argon would have electrons	A. 8 B. 18 C. 2 D. 6
2	The osmotic pressure of solution increases if	A. Temperature is decreased B. Solution constant is increased C. Number of solute molecules are increased D. Volume is increased
3	Sulphure dioxide affects	A. Cell wall B. Plasmodesmata C. All membrane systems D. Nucleus
4	If a salt bridge is removed between the two half cells the voltage	A. Drops to zero B. Does not change C. Increases gradually D. Increases rapidly
5	Which of the following species participate in sulphonation of benzene ring?	A. $\text{H}_{2}\text{SO}_{4}$ B. HSO^{+} C. SO^{3-} D. SO^{2-}
6	Dehydration of glycerol give	A. Propane B. Propene C. Acrolein D. Benzene
7	The principle constituent of pyrex glass is	A. Zn B. B C. Pb D. Cl
8	In which of the following elements +1 oxidation state is more stable than +3	A. B B. Al C. Ga D. Ti
9	In a reversible chemical reaction having two reactants in equilibrium if the concentration of the reactants are doubled then the equilibrium constant will	A. Also be doubled B. Be halved C. Becomes one fourth D. Remains the same
10	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
11	Reaction of ethylamine with chloroform in alcoholic KOH produces	A. CH_3OH B. CH_3NC C. $\text{C}_2\text{H}_5\text{NC}$ D. $\text{C}_2\text{H}_5\text{CN}$
12	Which of the following belongs to the halogen family?	A. Francium B. Polonium C. Radium D. Astatine
13	Fertilizer are made by	A. Nature only B. Artificial methods only C. Both artificial and natural methods D. None of the above
14	Which of the following cannot be produced by acidic dehydration of alcohols?	A. Ethers B. Aldehyde C. Alkyl Hydrogen sulphate D. Alkene
15	Which of the following is a colligative property?	A. Melting point B. Osmotic pressure C. Freezing point D. Boiling point

16	The most reactive compound for electrophilic nitration will be	A. Benzyl chloride B. Benzoic acid C. Nitrobenzene D. Chlorobenzene
17	Cannizzaro reaction is not given by	A. Trimethyl acetaldehyde B. Acetaldehyde C. Benzaldehyde D. Formaldehyde
18	The percentage of oxygen in NaOH is	A. 40 B. 60 C. 8 D. 10
19	A solution of sodium sulphate was electrolysed using some inert electrodes. The products at the electrodes are	A. O_{2} , H_{2} B. $O_{14.4444465637207px}^{14.4444465637207px}$, $Na_{14.4444465637207px}^{14.4444465637207px}$ C. $O_{14.4444465637207px}^{14.4444465637207px}$, $SO_{14.4444465637207px}^{14.4444465637207px}$ D. $O_{14.4444465637207px}^{14.4444465637207px}$, $O_{14.4444465637207px}^{14.4444465637207px}$, $S_{14.4444465637207px}^{14.4444465637207px}$, $O_{14.4444465637207px}^{14.4444465637207px}$
20	The percentage of nitrogen in urea is	A. 46 B. 60 C. 70 D. 80