

## Chemistry Fsc Part 2 Online Test

Sr	Questions	Answers Choice
1	The avoid the formation of toxic compounds with chlorine which substance is used for disinfecting water	A. $\text{KMnO}_4$ B. $\text{O}_3$ C. Alums D. Chloramines
2	Which substance is used to consulate rubber latex	A. Ethyl alcohol B. Acetaldehyde C. Acetic acid D. Water
3	Which acid is used in the manufacture of synthetic fibre	A. Formic acid B. Oxalic acid C. Carbonic acid D. Acetic acid
4	The electrophile in Aromatic sulphonation is	A. $\text{H}_2\text{SO}_4$ B. $\text{HSO}_4^-$ C. $\text{SO}_3$ D. $\text{SO}_3^+$
5	Which metal oxide is insoluble in water	A. MgO B. CaO C. SrO D. BaO
6	The type of hybridization in $\text{PCl}_3$ is.	A. $\text{dsp}^2$ B. $\text{sp}^3$ C. $\text{dsp}^3$ D. $\text{d}^2\text{sp}^3$
7	Which compound is more soluble of water	A. $\text{C}_2\text{H}_5\text{OH}$ B. $\text{C}_6\text{H}_5\text{OH}$ C. $\text{CH}_3\text{OCH}_3$ D. n- Hexanol
8	Which one of the following Lipids does not have glycerol backbone.	A. Cholesterol B. Oil C. glycogen D. Vitamin D
9	----- element forms an ion with charge $3^+$	A. Beryllium B. Aluminium C. Carbon D. Silicon
10	When methane reacts with $\text{Cl}_2$ in the presence of diffused light the products obtained are	A. Chloroform only B. Carbon tetrachloride only C. Chloromethane and dichloromethane D. Mixture of a, b, c
11	Which of the following acid can be used as a catalyst in Friedel Craft's reactions	A. $\text{AlCl}_3$ B. $\text{HNO}_3$ C. $\text{BeCl}_2$ D. NaCl
12	Which one of the following products is not formed when acetic acid reacts with $\text{PCl}_5$	A. $\text{C}_2\text{H}_5\text{Cl}$ B. HCl C. $\text{POCl}_3$ D. $\text{CH}_3\text{COCl}$
13	Phenol can be prepared from chlorobenzene by	A. Williamson synthesis B. Down's process C. Kolbe reaction D. Cannizzaro reaction
14	Ozone is mostly produced in	A. Tropical region B. North polar region C. South polar region D. Thermosphere zone of atmosphere
15	Which of the following reagents will reacts with both aldehydes and ketones.	A. Grignard reagent B. Tollens's reagent C. Fehling's reagent

		D. Benedict 's reagent
16	Which one of the following gases is used in welding purpose usually	A. Methane B. Ethane C. Ethene D. Acetylene
17	The state of hybridization of carbon atom in Ethyne	A. sp B. $sp^2$ C. $sp^2$ D. $sp^3$
18	In which reactions alkane is not produced	A. Subatier's and Sendern reaction B. Koibe's reaction C. Wolf -Kishner's reduction D. Dow's process
19	Acetaldehyde undergoes, aldol condensation in the presence of.	A. dil HNO <sub>3</sub> B. DIL NaOH C. dil HCl D. Conc. H <sub>2</sub> SO <sub>4</sub>
20	Catalyst used to reduce carboxylic acid to alcohol is	A. $H_2$ / Ni B. $H_2$ / pt C. NaBH <sub>4</sub> D. LiAlH <sub>4</sub>