

## Chemistry Fsc Part 2 Online Test

Sr	Questions	Answers Choice
1	A snake was preserved in a solution and was placed in biology laboratory. The solution is.	A. De ionized water B. Fehling solution <b>C. Formalin</b> D. Chloroform
2	Which chemicals used for detection of amino acids.	A. NaOH + I <sub>2</sub> B. Phenyl hydrazine <b>C. Ninhydrin</b> D. Benedict's solution
3	Which gas has highest boiling points.	A. He B. Ne C. Ar <b>D. Kr</b>
4	The catalytic oxidation of methane produces	A. CO + H <sub>2</sub> O <b>B. CO<sub>2</sub> + H<sub>2</sub>O</b> C. C <sub>2</sub> H <sub>2</sub> + H <sub>2</sub> O D. H <sub>3</sub> C - OH
5	What are the number of the electrons in valence shell of P in PCl <sub>3</sub>	A. 4 B. 6 <b>C. 8</b> D. 10
6	Geometrical isomerism in alkene is due to.	A. C = C free rotation of bond <b>B. No C = C free rotation of bond</b> C. Presence of multiple bond only D. Opticla rotation due to multiple bond
7	Hydrolysis of benzene sulphonic acid with superheated steam or by boiling with dil HCl gives.	A. Toluene <b>B. Benzene</b> C. Xylene D. Chlorobenzene
8	The anhydride of HClO <sub>4</sub> is	A. ClO B. ClO <sub>2</sub> C. ClO <sub>3</sub> <b>D. Cl<sub>2</sub>O<sub>7</sub></b>
9	Cyclic structure of benzene was proposed by	A. Dewar B. Faraday C. Down <b>D. Kekule</b>
10	Catalyst used in thermal cracking	A. Platinum B. Nichel <b>C. Al<sub>2</sub>O<sub>3</sub> and SiO<sub>2</sub></b> D. Fe <sub>2</sub> O <sub>3</sub> and CuO
11	PCl <sub>3</sub> reacts with water to form	A. PH <sub>3</sub> B. POCl <sub>3</sub> C. H <sub>3</sub> PO <sub>4</sub> <b>D. H<sub>3</sub>PO<sub>5</sub></b>
12	The number of possible isomers of xylene are	A. 2 <b>B. 3</b> C. 4 D. 5
13	Which is simplest amino acid	A. Alanine B. Protein C. Lysine <b>D. Glycine</b>
14	In which these process are small organic molecules made into macromolecules.	A. The cracking of petroleum fractions B. The fractional distillation of crude oil <b>C. The polymerization of ethene</b> D. The hydrolysis of proteins
15	Which metal is redored passive by HNO <sub>3</sub> due to formation of a film of metal oxide over the	A. Pt <b>B. Sn</b>

	metal	C. CO D. Mn
16	Which one of the following pairs of metal reactive directly with nitrogen	A. Na and Mg B. Li and Mg C. Mg and Ca D. Li and Be
17	In $[\text{Co}(\text{NH}_3)_6]^{+3}$ the coordination number of cobalt is.	A. Zero B. Two C. Four D. Six
18	Which sugar is called milk sugar	A. Glucose B. Fructose C. Lactose D. Maltose
19	Chlorobenzene on nitration with conc. $\text{HNO}_3$ and Conc. $\text{H}_2\text{SO}_4$ gives.	A. m -chloronitrobenzene B. o and p chloronitrobenzene C. o and m chloronitrobenzene D. mixture of O <sub>2</sub> m and p chloronitrobenzene
20	Which substance is formed by the catalytic oxidation of methane at 100 °C, 200 atmospheric pressure and copper catalyst	A. Methanol B. Methanal C. Methanoic acid D. All of these