

## Chemistry Fsc Part 2 Online Test

Sr	Questions	Answers Choice
1	Which of the following derivative cannot be prepared directly from acetic acid.	A. Acetamide B. Acetyl chloride C. Acetic anhydride D. Ethyl acetate
2	Rectified spirit contains alcohol about	A. 80% B. 85% C. 90% D. 95%
3	Methyl alcohol is not used	A. As a solvent B. As an anti freezing agent C. As a substitute for petrol D. For denaturing of ethyl alcohol
4	In which hybridization bond angle is maximum	A. sp <sup>3</sup> B. sp <sup>2</sup> C. sp D. sp <sup>3</sup> and sp have same angles
5	In fluorescent tube, the gas filled is.	A. He B. Ne C. Ar D. Xe
6	d -block elements which show anomalous configuration in first series are	A. Cr and Ni B. Cr and Cu C. Cu and CO D. Fe and Ni
7	Hydrogen bond is the strongest between the molecules of	A. HF B. HCl C. HBr D. HI
8	Which compound is more soluble of water	A. C <sub>2</sub> H <sub>5</sub> OH B. C <sub>6</sub> H <sub>5</sub> OH C. CH <sub>3</sub> OCH <sub>3</sub> D. n- Hexanol
9	Which one of the following elements shows variable valency, can act as a catalyst and form coloured compounds.	A. Carbon B. Chlorine C. Sulphur D. Iron
10	The number of peptide bonds in dipeptide is	A. 0 B. 1 C. 2 D. 3
11	Which one of the following proteins transports oxygen in blood stream.	A. Insulin B. Albumin C. Hemoglobin D. Globulin
12	Which one of the following products is not formed when acetic acid reacts with PCl <sub>5</sub>	A. C <sub>2</sub> H <sub>5</sub> Cl B. HCl C. POCl <sub>3</sub> D. CH <sub>3</sub> COCl
13	Oxides of alkaline earth metal are	A. Acidic B. Basic C. Neutral D. Amphoteric
14	The chemist who synthesized urea from ammonium cyanate was	A. Berzelius B. Kolbe C. Wohler D. Lavoisier
15	The carbon atom of a carbonyl group is	A. sp hybridized B. sp <sup>2</sup> hybridized C. sp <sup>3</sup> hybridized D. none of these

16	The type of hybridization in $\text{PCl}_3$ is.	A. $\text{dsp}^2$ B. $\text{sp}^3$ C. $\text{dsp}^3$ D. $\text{d}^2\text{sp}^3$
17	In $[\text{Co}(\text{NH}_3)_6]^{+3}$ the coordination number of cobalt is.	A. Zero B. Two C. Four D. Six
18	A gas decolorizes alkaline $\text{KMnO}_4$ but has no action with ammoniacal $\text{AgNO}_3$ , this gas may be	A. $\text{C}_2\text{H}_2$ B. $\text{C}_2\text{H}_4$ C. $\text{C}_2\text{H}_6$ D. $\text{CH}_4$
19	Which metal oxide is insoluble in water	A. $\text{MgO}$ B. $\text{CaO}$ C. $\text{SrO}$ D. $\text{BaO}$
20	Secondary alkyl halides are those in which halogen atom is attached with a carbon atom which is further attached to.	A. One beta carbon B. Two beta carbon C. Three beta carbon D. Four beta carbon