

## Chemistry Fsc Part 2 Chapter 7 Online Test

Sr	Questions	Answers Choice
1	In ethene molecule, the number of atoms which are present in the same plane are.	A. 2 B. 6 C. 3 D. 4
2	Select from the following the one which is Alcohol	A. $\text{CH}_3\text{CH}_2\text{OH}$ B. $\text{CH}_3\text{OCH}_3$ C. $\text{CH}_3\text{COOH}$ D. $\text{CH}_3\text{CH}_2\text{CH}_2\text{Br}$
3	The state of hybridization of carbon atom in Ethyne	A. sp B. $\text{sp}^2$ C. $\text{dsp}^2$ D. $\text{sp}^3$
4	The chemist who synthesized urea from ammonium cyanate was	A. Berzelius B. Kolbe C. Wohler D. Lavoisier
5	The quality of petroleum is determined by	A. Decane number B. Octane number C. Hexane number D. Gold number
6	Which class of compounds can not show positional isomerism.	A. Alkanes B. Alkene C. Alkynes D. Alcohol
7	Which is an aromatic compound	A. Anthracene B. Naphthalene C. Toluene D. All of the these
8	$\text{CO}_2\text{H}$ is a functional group as	A. Alkoxy B. Carbonyl C. Carboxyl D. Hydroxyl
9	Kerosene oil is a mixture of hydrocarbon having carbon	A. 11 to 13 B. 10 to 12 C. 11 to 12 D. 8 to 9
10	Wohler synthesized first organic compound in laboratory from	A. Heating cyanogen's B. Cyanogen and ammonium chloride solution C. Cyanogen and $\text{HNO}_2$ D. Heating ammonium cyanate
11	An atom or group of atoms, which confers characteristic properties to organic compounds, are called.	A. Isomerism B. Metamerism C. Ligands D. Functional groups
12	The isomers having same functional group but different alkyl group on either side of functional group are called.	A. Metamers B. Polymers C. Monomers D. Homologous series
13	Which set of Hybrid orbital has planar triangular shape	A. sp B. $\text{sp}^2$ C. $\text{dsp}^2$ D. $\text{sp}^3$
14	Which one is alcohol in the following	A. $\text{CH}_3\text{CH}_2\text{CH}_2\text{OH}$ B. $\text{CH}_3\text{CH}_2\text{CH}_2\text{OCH}_3$ C. $\text{CH}_3\text{CH}_2\text{COOH}$ D. $\text{CH}_3\text{CH}_2\text{CH}_2\text{Br}$

15	Which one of the following compounds show geometrical isomerism in it.	A. 1- pentene B. 1,1 dichloro ethane C. all of these <b>D. 2- Pentene</b>
16	In which hybridization bond angle is maximum	A. $\text{sp}^3$ B. $\text{sp}^2$ <b>C. <math>\text{sp}</math></b> D. $\text{sp}^3$ and $\text{sp}$ have same angles
17	which one of the general formula of alkene	<b>A. <math>\text{C}_n\text{H}_{2n}</math></b> B. $\text{C}_n\text{H}_{2n+2}$ C. $\text{C}_n\text{H}_{2n-2}$ D. $\text{C}_n\text{H}_{2n+1}$
18	The bond angle between any two $\text{SP}^2$ Hybridized orbitals is of	A. $180^\circ$ B. $109.5^\circ$ <b>C. <math>120^\circ</math></b> D. $107.5^\circ$
19	Which compound is alicyclic in nature.	<b>A. Cyclobutane</b> B. Isobutane C. n butane D. Toluene
20	Linear shape is associated with set of hybrid orbitals	<b>A. <math>\text{sp}</math></b> B. $\text{sp}^2$ C. $\text{dsp}^2$ D. $\text{sp}^3$