

## Chemistry Fsc Part 2 Chapter 7 Online Test

Sr	Questions	Answers Choice
1	Which one of the following compounds show geometrical isomerism in it.	A. 1- pentene B. 1,1 dichloro ethane C. all of these D. 2- Pentene
2	An sp <sup>3</sup> - hybrid orbital contains.	A. 25% s- characters B. 50% s- characters C. 75% s- characters D. 100% s - characters
3	The state of hybridization in ethene molecule is	A. dsp <sup>2</sup> B. sp <sup>3</sup> C. sp <sup>2</sup> D. sp
4	Linear shape is associated with set of hybrid orbitals	A. SP B. sp <sup>2</sup> C. dsp <sup>2</sup> D. sp <sup>3</sup>
5	Formula of marsh gas is	A. CH <sub>4</sub> B. C <sub>2</sub> H <sub>6</sub> C. C <sub>3</sub> H <sub>6</sub> D. C <sub>4</sub> H <sub>10</sub>
6	In ethene molecule how many carbon orbitals are equivalent and degenerate in nature.	A. 3 B. 4 C. 5 D. 6
7	Which isomerism is not found in alkenes.	A. Chain isomerism B. Positional isomerism C. Geometrical isomerism D. Metamerism
8	Wohler synthesized first organic compound in laboratory from	A. Heating cyanogen's B. Cyanogen and ammonium chloride solution C. Cyanogen and HNO <sub>2</sub> D. Heating ammonium cyanate
9	Which set of Hybrid orbital has planner triangular shape	A. sp B. sp <sup>2</sup> C. dsp <sup>2</sup> D. sp <sup>3</sup>
10	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
11	Boiling point range of petroleum ether.	A. 5- 20 °C B. 10- 30 °C C. 20- 60 °C D. 30- 90 °C
12	The process used to improve quality of gasoline	A. Thermal Cracking B. Reforming C. Combination D. Steam Cracking
13	Select from the following the one which is Alcohol	A. CH <sub>3</sub> CH <sub>2</sub> OH B. CH <sub>3</sub> OCH <sub>3</sub> C. CH <sub>3</sub> COOH D. CH <sub>3</sub> .CH <sub>2</sub> .Br
14	Which one of the following is not a heterocyclic compound.	A. Furan B. Thiophene C. Pyridine D. Aniline
		A. Petroleum

15	which one is not fossil fuel	B. Natural gas C. Coal D. Alcohol
16	Which type of coal has greater percentage of carbon.	A. Peat B. Lignite C. Bituminous D. Anthracite
17	The quality of petroleum is determined by	A. Decane number B. Octane number C. Hexane number D. Gold number
18	----- is Alcohol in the following	A. $\text{CH}_3\text{CH}_2\text{OH}$ B. $\text{CH}_3\text{OCH}_3$ C. $\text{CH}_3\text{COOH}$ D. $\text{CH}_3\text{CH}_2\text{SH}$
19	The bond angle between any two $\text{sp}^2$ Hydrized orbitals is of	A. $180^\circ$ B. $109.5^\circ$ C. $120^\circ$ D. $107.5^\circ$
20	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