

## Chemistry Fsc Part 2 Chapter 7 Online Test

Sr	Questions	Answers Choice
1	Geometrical isomerism in alkene is due to.	A. C = C free rotation of bond B. No C = C free rotation of bond C. Presence of multiple bond only D. Opticla rotation due to multiple bond
2	Which isomerism is not found in alkenes.	A. Chain isomerism B. Positional isomerism C. Geometrical isomerism D. Metamerism
3	The isomers always have same	A. Chemical properties B. Structural formula C. Molecular formula D. Physical properties as well as chemical properties
4	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
5	Which class of compounds can not show positional isomerism.	A. Alkanes B. Alkene C. Alkynes D. Alcohol
6	Which one of the following compounds is a heterocyclic.	A. Anthracene B. Phenol C. Pyridine D. Aniline
7	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
8	Boiling point range of petroleum ether.	A. 5- 20 <sup>o</sup> C B. 10- 30 <sup>o</sup> C C. 20- 60 <sup>o</sup> C D. 30- 90 <sup>o</sup> C
9	In ethene molecule how many carbon orbitals are equivalent and degenerate in nature.	A. 3 B. 4 C. 5 D. 6
10	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
11	An sp <sup>3</sup> - hybrid orbital contains.	A. 25% s- characters B. 50% s- characters C. 75% s- characters D. 100% s - characters
12	In ethene molecule, the number of atoms which are present in the same plane are.	A. 2 B. 6 C. 3 D. 4
13	Which compound is alicyclic in nature.	A. Cyclobutane B. Iso butane C. n butane D. Toluene
14	Catalyst used in thermal cracking	A. Platinum B. Nichel C. Al <sub>2</sub> O <sub>3</sub> and SiO <sub>2</sub> D. Fe <sub>2</sub> O <sub>3</sub> and CuO
15	Which is an aromatic compound	A. Anthracene B. Naphthalene C. Toluene D. Cyclohexene

D. All of the these

16 Which one of the following is not a heterocyclic compound.

- A. Furan
- B. Thiophene
- C. Pyridine
- D. Aniline

17 An atom or group of atoms, which confers characteristic properties to organic compounds, are called.

- A. Isomerism
- B. Metamerism
- C. Ligands
- D. Functional groups