

Chemistry Fsc Part 2 Chapter 7 Online Test

Sr	Questions	Answers Choice
1	An sp ³ - hybrid orbital contains.	A. 25% s- characters B. 50% s- characters C. 75% s- characters D. 100% s - characters
2	CO ₂ H is a functional group as	A. Alkoxy B. Carbonyl C. Carboxyl D. Hydroxyl
3	Which one is the heterocyclic compound of oxygen	A. Pyridine B. Parrole C. Furan D. Thiophene
4	Which one of the following is an amide	A. (NH ₂) ₂ CO B. NH ₂ CH ₂ CO ₂ CH ₃ C. C ₆ H ₅ CH ₂ CH ₂ NH ₂ D. N(CH ₃) ₃
5	Wohler synthesized first organic compound in laboratory from	A. Heating cyanogen's B. Cyanogen and ammonium chloride solution C. Cyanogen and HNO ₂ D. Heating ammonium cyanate
6	Which is an aromatic compound	A. Anthracene B. Naphthalene C. Toluene D. All of the these
7	Linear shape is associated with set of hybrid orbitals	A. SP B. sp ² C. sp ³ D. sp ²
8	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
9	Which one of the following compound has octane number 100.	A. 2,2,4-trimethyl petane B. n- pentane C. 2,4-dimethyl pentane D. 2- methyl pentane
10	Which type of coal has greater percentage of carbon.	A. Peat B. Lignite C. Bituminous D. Anthracite
11	Which isomerism is not found in alkenes.	A. Chain isomerism B. Positional isomerism C. Geometrical isomerism D. Metamerism
12	In ethene molecule how many carbon orbitals are equivalent and degenerate in nature.	A. 3 B. 4 C. 5 D. 6
13	Formula of marsh gas is	A. CH ₄ B. C ₂ H ₆ C. C ₃ H ₈ D. C ₄ H ₁₀
14	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
15	The state of hybridization in ethene molecule is	A. dsp ² B. sp ³ C. sp ²

16 Which one of the following compounds is a heterocyclic.

A. Anthracene
B. Phenol
C. Pyridine
D. Aniline

17 The process used to improve quality of gasoline

A. Thermal Cracking
B. Reforming
C. Combination
D. Steam Cracking

18 Ethers show the phenomenon of

A. Position Isomerism
B. Functional group isomerism
C. Metamerism
D. Chain isomerism

19 First organic compound prepared in laboratory was.

A. Glucose
B. Methane
C. Urea
D. Alcohol

20 In which hybridization bond angle is maximum

A. sp3
B. sp2
C. sp
D. sp3 and sp have same angles
