

## Chemistry Fsc Part 2 Chapter 7 Online Test

Sr	Questions	Answers Choice
1	The quality of petroleum is determined by	A. Decane number B. Octane number C. Hexane number D. Gold number
2	Which one of the following is not a heterocyclic compound.	A. Furan B. Thiophene C. Pyridine D. Aniline
3	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
4	Which one of the following compounds is a heterocyclic.	A. Anthracene B. Phenol C. Pyridine D. Aniline
5	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
6	Which compound is alicyclic in nature.	A. Cyclobutane B. Iso butane C. n butane D. Toluene
7	In ethene molecule how many carbon orbitals are equivalent and degenerate in nature.	A. 3 B. 4 C. 5 D. 6
8	Select from the following the one which is Alcohol	A. <chem>CH&lt;sub&gt;3&lt;/sub&gt;CH&lt;sub&gt;2&lt;/sub&gt;OH</chem> B. <chem>CH&lt;sub&gt;3&lt;/sub&gt;OCH&lt;sub&gt;3&lt;/sub&gt;</chem> C. <chem>CH&lt;sub&gt;3&lt;/sub&gt;COOH</chem> D. <chem>CH&lt;sub&gt;3&lt;/sub&gt;.CH&lt;sub&gt;2&lt;/sub&gt;.Br</chem>
9	The chemist who synthesized urea from ammonium cyanate was	A. Berzelius B. Kolbe C. Wholer D. Lavoisier
10	Which one of the following is an amide	A. <chem>(NH&lt;sub&gt;2&lt;/sub&gt;)&lt;sub&gt;2&lt;/sub&gt;CO</chem> B. <chem>NH&lt;sub&gt;2&lt;/sub&gt;.CH&lt;sub&gt;3&lt;/sub&gt;</chem> C. <chem>C&lt;sub&gt;6&lt;/sub&gt;H&lt;sub&gt;5&lt;/sub&gt;NH&lt;sub&gt;2&lt;/sub&gt;CO</chem> D. <chem>N(CH&lt;sub&gt;3&lt;/sub&gt;)&lt;sub&gt;3&lt;/sub&gt;</chem>
11	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
12	Catalyst used in thermal cracking	A. Platinum B. Nichel C. <chem>Al2O3</chem> and <chem>SiO2</chem> D. <chem>Fe2O3</chem> and <chem>CuO</chem>
13	The state of hybridization in ethene molecule is	A. $sp^{2}$ B. $sp^{3}$ C. $sp^{2}$ D. sp
14	-SH Functional group is called	A. Cyano B. Mercapto C. Nitro D. Carboxyl
15	Wohler synthesized first organic compound in laboratory from	A. Heating cyanogen's B. Cyanogen and ammonium chloride solution C. Cyanogen and <chem>HNO2</chem>

---

16 First organic compound prepared in laboratory was.

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

---

17 Which type of coal has greater percentage of carbon.

A. Peat  
B. Lignite  
C. Bituminous  
D. Anthracite

---

18 The isomers always have same

A. Chemical properties  
B. Structural formula  
C. Molecular formula  
D. Physical properties as well as chemical properties

---

19 Which class of compounds can not show positional isomerism.

A. Alkanes  
B. Alkene  
C. Alkynes  
D. Alcohol

---

20 which one is not fossil fuel

A. Petroleum  
B. Natural gas  
C. Coal  
D. Alcohol

---