

ECAT Chemistry Chapter 18 Fundamental Principles of Organic Chemistry

Sr	Questions	Answers Choice
1	Coal is obtained from dead remains of	A. Plants B. Animals C. Both a and b D. None
2	In which molecule carbon atom is sp^2 hybridized	A. CH_4 B. C_2H_4 C. C_2H_2 D. None of the above
3	Quality of fuel is judged from its octane number. The best fuels are	A. Straight chain hydrocarbons B. Branched chain hydrocarbons C. Cyclic compounds D. Compounds containing benzene ring
4	Which gasoline is better?	A. Of low boiling point B. Of low molecular mass C. Of high octane D. All of these
5	At present oil refineries in Pakistan are:	A. One B. Two C. Three D. Four
6	Benzene is an example of	A. Aromatic compound B. Cyclic compound C. Aliphatic compound D. A cyclic compound
7	Which of these always applies to a nucleophile	A. It attacks a double bond B. It has a lone pair of electrons C. It is single atom D. It is negatively charged
8	The quality of petroleum is determined by	A. Decane number B. Octane number C. Nexane number D. None of these
9	The use of tetra ethyl lead in petrol as an efficient antiknock agent is being discouraged. Which reason is correct	A. It is costly B. It damages the engine C. Pb is difficult to obtain in bulk quantities D. The combustion product, lead, causes air pollutions
10	Question Image <input type="text"/>	A. 1, 5-pentadiene B. Penta-1, 4-diene C. 1, 1-pentadiene D. 1, 4-pentene
11	The open chain compounds are also called	A. Aliphatic B. Alicyclic C. Aromatic D. Both a and b
12	Cracking done at low pressure and with a catalyst is called _____ cracking	A. Thermal B. Catalytic C. Steam D. None of them
13	Question Image <input type="text"/>	A. 1 B. 2 C. 3 D. 4
14	Self linkage of carbon to produce long chains	A. isomerism B. Polymorphism C. Polymerization D. Catenation
		A. Propanoic acid and propanone

15	Which of the following pair contains isomers of each other	B. Acetone and acetaldehyde C. Ethyl alcohol and diethyl ether D. Methyl alcohol and dimethyl ether
16	type of hybridization in $\text{CH}\equiv\text{CH}$ is:	A. sp B. sp^2 C. sp^3 D. dsp^2
17	Which of the following contains single bonds	A. Benzene B. Alkyne C. Alkene D. Alkane
18	The atom other than C in a hetrocyclic compound is called as	A. Hetroatom B. Hetroion C. Hetro molecule D. Hetroelement
19	In the presence of high temperature and pressure peat is converted to:	A. Lignite B. Polymorphism C. Polymerization D. Catenation
20	The major components of coal gas are	A. Hydrogen and methane B. Ethane and carbon monoxide C. Nitrogen and ethane D. Ethane and carbon dioxide