

ECAT Chemistry Chapter 18 Fundamental Principles of Organic Chemistry

Sr	Questions	Answers Choice
1	Which is not a nucleophile	A. Benzene B. Chlorine C. Ethene D. Ethanol
2	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
3	Unsaturated hydrocarbon containing a double bond are called	A. paraffin B. Alkanes C. Olefins D. Acetylene
4	The branch of chemistry which deals with the study of compounds containing carbon as an essential elements is called	A. Physical B. Inorganic C. Nuclear D. Organic
5	The process in which orbitals of different energies and shapes mix up with each other to give equivalent is called,	A. Hybridization B. Polymerization C. Isomerisation D. Carbonization
6	Identify the heterocyclic compound	A. Toluene B. Pyridine C. Butanoic acid D. Propenol
7	The functional group isomer of dimethylether is	A. Ethyl alcohol B. Propyl alcohol C. Diethyl ether D. Butyl alcohol
8	Which is not a fossil fuel	A. Petroleum B. Coal C. Natural gas D. None of them
9	The next homologue of $C_{10}H_{22}$ will be	A. C_9H_{20} B. $C_{12}H_{26}$ C. $C_{11}H_{24}$ D. $C_{13}H_{28}$
10	Question Image <input type="text"/>	A. 3 B. 4 C. 5 D. 2
11	Question Image <input type="text"/>	A. Condensation B. Dehydration C. Dehydrogenation D. Hydrogenation
12	1-butene and 2-butene are an example of	A. Chain isomerism B. Positional isomerism C. Metamerism D. Functional group isomerism
13	The open chain compounds are also called	A. Aliphatic B. Alicyclic C. Aromatic D. Both a and b
14	The open chain organic compounds are called	A. Linear compounds B. Aromatic C. Aliphatic D. Both A and B
15	The distillation of coal at high temperature and in absence of air is called	A. Vacuum distillation B. Normal distillation C. Fractional distillation D. Steam distillation

16	Carboxylic acid, ester, amide and amino groups are shown. Which is the correct description of these functional groups	
17	Fossil fuels consist of :	A. Coal B. Natural gas C. Petroleum D. All of these
18	Tetraethyl lead causes disease:	A. Typhoid B. Respiratory C. Stomach D. Muscular
19	The compounds which have any atom other than Carbon atom, in rings are called as	A. Monocyclic B. Heterocyclic C. Homocyclic D. None of the above
20	Which of the following pair contains isomers of each other	A. Propanoic acid and propanone B. Acetone and acetaldehyde C. Ethyl alcohol and diethyl ether D. Methyl alcohol and dimethyl ether