

## ECAT Chemistry Chapter 18 Fundamental Principles of Organic Chemistry

Sr	Questions	Answers Choice
1	Ether show the phenomenon of :	A. Position isomerism B. Functional group isomerism C. Metamerism D. Cis-trans isomerism
2	Normal by product of cracking is	A. Ethane B. Butane C. Benzene D. All of them
3	The open chain organic compounds are called	A. Linear compounds B. Aromatic C. Aliphatic D. Both A and B
4	The destructive distillation of coal gives three products. What is not the product of destructive distillation of coal	A. Coal gas B. Carbon dioxide C. Coal tar D. Coke
5	Compounds of carbon and hydrogen in which the tetra valency of carbon is fully satisfied are called,	A. Saturated B. Un-saturated C. Magnetic D. Para-magnetic
6	Question Image	A. 1, 5-pentadiene B. Penta-1, 4-diene C. 1, 1-pentadiene D. 1, 4-pentene
7	Which is the chain isomer of n-pentane	A. Isopentane B. Neopentene C. N-pentene D. Isopentene
8	Diversity of organic compounds in millions is:	A. Four B. Five C. Six D. Seven
9	Tetraethyle lead causes disease:	A. Typhoid B. Respiratory C. Stomach D. Muscular
10	The functional group of acid amide is	
11	In a heterollytic bond fission reaction	A. A molecule of H <sub>2</sub> O is formed B. A molecule of H <sub>2</sub> O is eliminated C. A free radical is formed D. A positive and a negative ion is formed
12	Which statement is true about a free radical	A. An atom with a positive charge     B. An atom with a negative charge     C. An atom with a lone pair of electrons     D. An atom with unpaired electron
13	Vital force theory was rejected by	A. Berzellius B. Kolbe C. Wholer D. Lavoiser
14	The distillation of coal at high temperature and in absence of air is called	A. Vacuum distillation     B. Normal distillation     C. Fractional distillation     D. Destructive distillation
15	Which of the following contains single bonds	A. Benzene B. Alkyne C. Alkene

		D. Alkane
16	Organic compounds generally react at rates	A. Slow B. Fast C. Moderate D. None of them
17	Question Image	A. 0 B. 1 C. 2 D. 3
18	I-Chloropropane has two isomers, it is an example of	<ul><li>A. Chain isomerism</li><li>B. Position isomerism</li><li>C. Functional group isomerism</li><li>D. Metamerism</li></ul>
19	Which of the following compounds contains a triple bond?	A. Alkane B. Alkene C. Alkyne D. Benzene
20	At present oil refineries in Pakistan are:	A. One B. Two C. Three D. Four