ECAT Chemistry Chapter 18 Fundamental Principles of Organic Chemistry

Sr	Questions	Answers Choice
1	The rotation of two carbon atoms joined by double bond would happened only if	A. Pi bond is broken B. Sigma bond is broken C. Both bonds are broken D. None of above
2	Organic compounds resemble to those of inorganic compounds having same	A. Ionic properties B. Carbon forming long chain or rings C. Chemical forces D. Isomerism
3	Type of isomerism in BrCH=CHBr is:	A. Structural isomerism B. <blockquote style="margin: 0 0 0 40px; border: none; padding: 0px;">Conformational isomerism</blockquote> C. Geometrical isomerism D. Positional isomerism
4	Cracking normally gives smaller _____	A. Alkanes B. Alkenes C. Alkynes D. Both a and b
5	The functional group isomer of dimethylether is	A. Ethyl alcohol B. Propyl alcohol C. Diethyl ether D. Butyl alcohol
6	The next homologue of $C_{10}H_{22}$will be	A. C₉H₂₀ B. C₁₂H₂₆ C. C₁₁H₂₄ D. C₁₃H₂₈
7	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
8	Cracking done at low pressure and with a catalyst is called _____ cracking	A. Thermal B. Catalytic C. Steam D. None of them
9	Ether shows the phenomenon of	A. position isomerism B. Chain isomerism C. Metamerism D. Cir-trans isomerism
10	Select from the following the one which alcohol	
11	Acetylene had a characteristic ethereal smell resembling that of	A. Ginger B. Vinegar C. Garlic D. Onion
12	Which of the following posses linear geometry	A. Alkane B. Alkene C. Alkyne D. Benzene
13	Tetraethyle lead causes disease:	A. Typhoid B. Respiratory C. Stomach D. Muscular
14	Catenation is a process in which carbon shows the properties of making	A. Multiple bonds B. Hybridization C. Long chains or rings of carbon atom D. Showing isomerism
15	The essential component of organic compound is	A. O B. C C. P

		D. N
16	A double bond consists of	A. Two sigma bonds B. One sigma and one Pi bond C. One sigma and two Pi bonds D. Two Pi bonds
17	Replacement of hydrogen atom by - SO_3H group in benzene is called	A. Nitration B. Alkylation C. Sulphonation D. Acylation
18	Sp^3 hybridization occurs when carbon is bound to	A. Four other atoms B. Three other atoms C. Two other atoms D. One other atoms
19	Carboxylic acid, ester, amide and amino groups are shown. Which is the correct description of these functional groups	
20	Coal heated in the absence of air of about 500 - 1000°C is converted to	A. Coke B. Coal gas C. Coal tar D. All above