

ECAT Chemistry Chapter 18 Fundamental Principles of Organic Chemistry Online Test

Sr	Questions	Answers Choice
1	Coal is used to bake bricks in lime kiln:	A. 40% B. 60% C. 80% D. None of these
2	In the presence of high temperature and pressure peat is converted to:	A. Lignite B. Polymorphism C. Polymerization D. Catenation
3	Self linkage of carbon to produce long chains	A. isomerism B. Polymorphism C. Polymerization D. Catenation
4	Wohler synthesized first of all the organic compound:	A. Carbohydrates B. Urea C. Aniline D. Toluene
5	Source of organic compounds primarily is:	A. Plants B. Animals C. Minerals D. A & B
6	Number of isomers of butane are:	A. One B. Two C. Three D. Four
7	type of hybridization in $\text{CH}\equiv\text{CH}$ is:	A. sp B. sp^2 C. sp^3 D. dsp^2
8	Type of isomerism in $\text{BrCH}=\text{CHBr}$ is:	A. Structural isomerism B. Conformational isomerism C. Geometrical isomerism D. Positional isomerism
9	Which gasoline is better?	A. Of low boiling point B. Of low molecular mass C. Of high octane D. All of these
10	Products of coal is:	A. Peat B. Lignite C. Bituminous coal D. All above
11	Functional group of ketones is:	A. ---CHO B. ---CO--- C. ---C(=O)--- D. ---COOH
12	Angle 120° is observed in molecules :	A. CH_4 B. $\text{CH}_3\text{---CH}_3$ C. $\text{CH}_2=\text{CH}_2$ D. $\text{CH}_2=\text{CH}_2$
13	Linear geometry is present in:	A. Sp^3 B. Sp^2 C. Sp D. D^2sp^3
14	General formula of carbocyclic acids is:	A. RCOH B. RCOR C. RCOOR D. RCOOH

D. R-OH

15	Diversity of organic compounds in millions is:	A. Four B. Five C. Six D. Seven
16	The general formula of saturated alicyclic hydrocarbons is:	A. C_nH_n B. C_nH_{2n} C. C_nH_{2n+2} D. C_nH_{2n-1}
17	Tetraethyl lead causes disease:	A. Typhoid B. Respiratory C. Stomach D. Muscular
18	Types of cracking are:	A. Thermal B. Catalytic C. Steam D. All a, b, c
19	Cracking products are :	A. Only alkanes B. Only alkenes C. Alkanes and alkenes D. Alkynes
20	At present oil refineries in Pakistan are:	A. One B. Two C. Three D. Four
21	Major component of natural gas is:	A. Ethane B. Ethene C. Propane D. Methane
22	Geographical survey of Pakistan estimates about billion tons of coal in Pakistan:	A. 182 B. 183 C. 184 D. 185
23	Fossil fuels consist of :	A. Coal B. Natural gas C. Petroleum D. All of these
24	Select from the following which one is alcohol?	A. CH_3-CH_2-OH B. CH_3-O-CH_3 C. CH_3COOH D. $CH_2=CH-Br$
25	Ether show the phenomenon of :	A. Position isomerism B. Functional group isomerism C. Metamerism D. Cis-trans isomerism
26	A double bond consists of:	A. Two sigma bonds B. One sigma and one pi bonds C. One sigma and two pi bonds D. Two pi bonds
27	Linear shape is associated with set of hybrid orbitals?	A. sp B. sp ² C. sp ³ D. dsp ²
28	The chemist who synthesized urea from ammonia cyanate was:	A. Berzelius B. Kolbe C. Wohler D. Lavoisier
29	Which set of hybrid orbitals has planar triangle shape?	A. sp ³ B. sp C. sp ² D. dsp ²
30	In t-butyl alcohol, the tertiary carbon is bonded to:	A. Two hydrogen atom B. Three hydrogen atoms C. One hydrogen atoms D. No hydrogen atoms