Chemical Industries

Sr	Questions	Answers Choice
1	a formula that shows the relative position of every atom and allbonds represented by lines is called a/an	A. Empirical formula B. Condensed structural formula C. Displayed structural formula D. Molecular formula
2	Which of these hydrocarbons does Not show structurla isomerism.	A. Pentane B. Butane C. Hexane D. Propane
3	A compund wiht a continous series of carbon atoms without any branch is called.	A. Branched chain compounds B. Aromatic compound C. Straigh chain compound D. Cyclic compound
4	What is the generla formula for the Alkynes series.	A. Cn H2n+2 B. Cn H2n-2 C. C6 H2n+1 D. Cn H2n
5	the root prop-corresponds to how many carbon atoms.	A. 2 B. 3 C. 4 D. 5
6	What is another name for open chain organic compunds.	A. Aromatic compounds B. Alicyetic compounds C. Heterocyclic compounds D. acyclic compounds
7	Cyclic compounds containing only carbon atoms in teh ring are called.	A. Acyclic compounds B. Homocyclic compounds C. Aliphatic compounds D. Heterocyclic compounds
8	It is a compound containing a Nitrogen atom in its functinal group.	A. Methyle ethanonate B. Methyl amine C. Acetone D. Phenol
9	Organic chemistry is primarily defined as the study of compunds containing which two elements.	A. Hydrogen and oxygen B. Carbon and Nitrogen C. Carbon and oxygen D. Carbon and Hydrogen
10	The functional group -OH attached to an alkyl group identifies which family.	A. alde hydes B. Alcohols C. Ethers D. Phenols
11	What is the specific functional gorup for Ester	A. -CHO B. -COOR C. CO-NH2 D. -NH2
12	Which functonal group is present inn alkenes.	A. No functioal group B. Carbon -carbon triple bond C. Carbon -carbon double bond D. Carbon -carbon single bond
13	What is the IUPAC name for Isopropyl alcohol.	A. Propane -2 -ol B. Ethanol C. Butane -2 -ol D. Propan -1-ol
14	What is the common name for Ethanoic acid	A. Butyric acid B. Acetic acid C. Propionic acid D. Formic acid
15	Which functional group is present in both Aldehydes and ketones.	A. Amino group B. Carbonyl group C. Carboxyl group D. Hydroxyl group

16	How many structural isomers willbe there for a saturated hydrocarb having five carbon atoms.	A. 2 B. 3 C. 4 D. 5
17	Esters are prapared by teh reaction between	A. A ketone and an Aldehyde B. An Alcohol and a carboxylic acid C. An alkane and an alkene D. An amine and an Alcohol
18	Which molecule is a common example of an aromatic compound containing six carbon and atternate double bonds.	A. Cyclo butane B. Benzene C. propane D. Cyclohexane
19	Which is the name of the simplest aldehyde also known as formaldehyde.	A. Propanone B. Ethanal C. Methanol D. Methanal
20	Which of the following is considered as an inorganic carbon compound for histroical reasons.	A. Benzene B. Ethane C. Calcium Carbonate D. Methane