Question	Option1	Option2	Option3	Option4	CorrectAns
Free radical addition reaction follows :	Marconikoff's rule	Anti-marconikoff's rule	Saytzeff's rule	Hoffmann's rule	2
Which of the following act at as nucleophills? I)CH_3NH_2 II)RO- III)$AlCl_3$ IV)CH_3MgBr	I only	I, II, IV	I & IV	II & III	2
Select the correct statement about C-C bond lengths of ethene	Bond length shorter in ethene	Bond length are equal	Bond length longer in ethene	Bond length can not be compaired	1
Which of the following order is correct for the relative stability of free radicals?	$1^0<2^0>3^0$	$3^0>2^0>1^0$	$3^0<2^0<10$	$3^0>2^0<1^0$	2
The number of electron forming bond in N_2 molecule are	2	4	6	10	1
Select the correct statement	HF is less polar thar HBr	Ions are not present in pure water	Chemical bonds are form only when attractive force become greater than repulsive force	Electron get trancefered in covalancy	3
d orbatal takeing part in d^2sp^3 hybridization are	dx2y2dz2	dxz,dx^2-y^2	dz^2,dxz	dxy,dyz	1
Compound having same molecular fromula but different structural formula are called----	Polymer	Monomer	Isomer	Allotrops	3
Which of the following is best stable compound	Ph_3C^+	Ph_2C^+H	$Ph\text{-}CH_2$	PHC^+H^2	1
The type of esterification reaction which is irriversible in nature----	Base catalized	Acid Catalized	Neutral	Acid-base catalized	1
Phenol is comparitively more acidic than	Acetic Acid	p-methoxyphenol	Ethyl Alcohol	p-nitrophenol	3

1-propanol & 2-propanol can be best distinguished by	Oxidation with alkaline $KMNO_4$ followed by reaction with felling solution	Oxidation with Acidic dicromate followed by reaction with felling solution	Oxidation by heating with copper followed by reaction with Felling's solution	Oxidation with conc. H_2SO_4 followed by reaction with felling solution	3
The reagent which can not distinguish hexanal & 2-hexanone	Tollens reagent	I_2 &NaOH Solution	Br2 & CCl_4 Solution	Felling Solution	3
The carbohydrate molecule which gives positive sillver mirror test is	Sucrose	Glucose	Starch	Fructose	2
Pyridine is more basic than pyrrole because	lone pair of electron in pyrrole is localised	lone pair of electron on N in pyridine is localised	N of pyrrole has one hydrogen atom attached to it while pyridine does not have	Pyridine has 3 double bond while pyrole has two	1
Hinsberg reagent is-----	pd+$BaSO_4$	p-toluene sulphonic acid	NH_2NH_2+KOH	Benzene sulphonyl chloride	4
The strongest base from given base is----	Benzylamine	Aniline	Ethyl Amine	Amine	3
Carbonyl compound gives:	Electrophillic addition reaction	Nucleophillic addition reaction	Electrophillic Substitution reaction	Nucleophillic substitution reaction	2
HCN & HNC are isomers of each others	Functional	Tautomeras	Metamers	Positional	1
Benzene gives one of the following type of reaction	Electrophillic addition reaction	Neucliophillic addition reaction	Electrophillic Substitution reaction	Neucliophillic substitution reaction	3
Higher ring strain is associated with	Cyclopropane	Cyclobutane	Cyclopentane	Cyclohexane	1
Which of the following substance is not consider to be organic compound-----	Methane	Ethane	Isooctane	Carbon monoxide	4
The word Chirality means	Carbon is attached with 4 different group	Carbon is attached with 4 same group	Nitrogen is attached with 4 different group	Nitrogen is attached with 4 same group	1

Which hydrocarbons will undergo substitution reaction with hallogens	Pentyne	Butene	Butane	Ethene	3
Solvent which facilitates the SN_2 reaction is	Aprotic polar	Protic polar	Non-polar	Water	1