ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Question Image	A. Fe is reduced B. Fe is oxidized C. Cl₂is oxidized D. None of these
2	In passage of electricity through aqueous solution of $AgNO_3$silver dissolves at anode to form Ag^+, the electrodes are	A. Silver metal B. Pt metal C. Graphite D. Copper metal
3	Ozonolysis of benzene gives	A. nitration B. sulphonation C. ozonide D. glyoxal
4	Halogens on treating with silver salts of acids give	A. Alcohol B. Ester C. Phenol D. Alkyl halide
5	Their e/m, ratio resembles with that of electrons	A. Alpha rays B. Beta rays C. Gamma rays D. X-rays
6	Reaction of acids with alcohols is also known as	A. Esterification B. Saponification C. Alkalization D. None
7	Heaviest particle is	A. Meson B. Neutron C. Proton D. Electron
8	Ratio of carbon to hydrogen in aromatic compounds is:	A. Low than alkanes B. High than alkanes C. Low than alkanes not high than alkanes D. High than alkanes
9	In liquids, inter molecular force are.	A. Very weak B. Very strong C. Reasonable strong D. Rubber
10	The order of frequency of the following radiations unltraviolet, visible, infrared and microwave is	A. Microwave > infrared > visible > ultraviolet B. Visible > ultraviolet > microwave > infrared C. Ultraviolet > visible > infrared > microwave D. Infrared > microwave > ultraviolet > visible
11	The compound which gives oxygen on moderate heating is	A. Zinc oxide B. Mercuric oxide C. Aluminium oxide D. Ferric oxide
12	The compounds or species in search of electrons are called	A. Elctrophiles B. Nucleophile C. Nitrities D. Bases
13	A compound having empirical formula C_3H_3O and its molecular mass is 110.02. Its molecular formula is	A. C₃H₃O B. C₆H₆O₂ C. C₉H₉O₃ D. C₃H₆O₂
14	In the ground state, an element has 13 electrons in its M shell. The element is	A. Copper B. Chromium C. Nickel D. Iron
		A. <p class="MsoNormal"><span style="font-size: 10.5pt; line-height: 107%; font-family: Arial, sans-serif; background-image: initial; background-position: initial; background-size: initial; background-repeat: initial; background-attachment: initial; background-origin: initial;

15	CL_2, N_2 and O_2 are:	background-clip: initial;">Diatomic molecules<o:p></o:p> B. <span style="font-size: 10.5pt; line-height: 107%; font-family: Arial, sans-serif; background-image: initial; background-position: initial; background-size: initial; background-repeat: initial; background-attachment: initial; background-origin: initial; background-clip: initial;">Hetero atomic molecules<o:p></o:p> C. <span style="font-size: 10.5pt; line-height: 107%; font-family: Arial, sans-serif; background-image: initial; background-position: initial; background-size: initial; background-repeat: initial; background-attachment: initial; background-origin: initial; background-clip: initial;">Poly-atomic molecules<o:p></o:p> D. <span style="font-size: 10.5pt; line-height: 107%; font-family: Arial, sans-serif; background-image: initial; background-position: initial; background-size: initial; background-repeat: initial; background-attachment: initial; background-origin: initial; background-clip: initial;">Mono-atomic molecules
16	How many mole of acidfied $FeSO_4$solution can be completely oxidized by one mole of $KMNO_4$?	A. 10 B. 5 C. 6 D. 2
17	Which is the property of benzene:	A. Decolourizes KMnO₄ B. straight chain structure C. only double bond is present D. triple and double bond
18	Which one of the following is a product of the reaction between $C_6H_5CH_2OH$ and CH_3COCl	A. C₆H₅OCOCH₃ B. C₆H₅CH₂Cl C. C₆H₅CH₂OCOCH₃ D. C₆H₅CH₂COCl
19	Angle 120° is observed in molecules :	A. CH₄ B. CH₃₋CH₃ C. CH -CH D. CH_{2 =}CH₂
20	d-block elements closely resemble in their physical and chemical properties. Which statement is incorrect	A. They show variable valency B. Their ions and compounds are coloured C. They are good conductors of heat and electricity D. Their compounds are diamagnetic