ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Which of the following elements have the largest radius	A. F B. Cl C. Br D. I
2	Contamination of water of tanning industries is due to:	A. Cr(III) B. Cr(VI) C. Mn(III) D. Mn(VII)
		A. Friedel Craft's reaction B. Benzene condensation C. Hydroformylation D. Cellemense <!--[if gte msEquation 12]><m:oMathPara><m:oMath><m:rad><m:radPr><m:degHide m:val="on"/><span style='font-size:12.0pt;mso-ansi-font-size:12.0pt; mso-bidi-font-size:12.0pt;font-family:"Cambria Math","serif";mso-ascii-font-family: "Cambria Math";mso-hansi-font-family:"Cambria Math";mso-bidi-font-family: "Times New Roman";font-style:italic;mso-bidi-font-style:normal'><m:ctrlPr></m:ctrlPr></m:radPr><m:deg></m:deg><m:e></m:e></m:rad></m:oMath></m:oMathPara><![endif]--><!--[if !msEquation]--><span style="font-size:11.0pt;line-height:107%;font-family:"Calibri","sans-serif"; mso-ascii-theme-font:minor-latin;mso-fareast-font-family:Calibri;mso-fareast-theme-font: minor-latin;mso-hansi-theme-font:minor-latin;mso-bidi-font-family:"Times New Roman"; mso-bidi-theme-font:minor-bidi;mso-ansi-language:EN-US;mso-fareast-language: EN-US;mso-bidi-language:AR-SA"><v:shapetype id="_x0000_t75" coordsize="21600,21600" o:spt="75" o:preferrelative="t" path="m@4@5l@4@11@9@11@9@5xe" filled="f" stroked="f"> <v:stroke joinstyle="miter"> <v:formulas> <v:f eqn="if lineDrawn pixelLineWidth 0"> <v:f eqn="sum @0 1 0"> <v:f eqn="sum 0 0 @1"> <v:f eqn="prod @2 1 2"> <v:f eqn="prod @3 21600 pixelWidth"> <v:f eqn="prod @3 21600 pixelHeight"> <v:f eqn="sum @0 0 1"> <v:f eqn="prod @6 1 2"> <v:f eqn="prod @7 21600 pixelWidth"> <v:f eqn="sum @8 21600 0"> <v:f eqn="prod @7 21600 pixelHeight"> <v:f eqn="sum @10 21600 0"> </v:f></v:f></v:f></v:f></v:f></v:f></v:f></v:f></v:f></v:f></v:f></v:f></v:f></v:f></v:formulas> <v:path o:extrusionok="f" gradientshapeok="t" o:connecttype="rect"> <o:lock v:ext="edit" aspectratio="t"> </o:lock></v:path></v:stroke></v:shapetype><v:shape id="_x0000_i1025" type="#_x0000_t75" style="width:20.25pt; height:19.5pt"> <v:imagedata src="file:///C:\Users\SHOPER.PK\AppData\Local\Temp\msohtmlclip1\01\clip_image001.png" o:title="" chromakey="white"> </v:imagedata></v:shape><!--[endif]--><o:p></o:p> <!--[if gte msEquation 12]><m:oMathPara><m:oMath><m:rad><m:radPr><m:degHide m:val="on"/><span style='font-size:12.0pt;mso-ansi-font-size:12.0pt; mso-bidi-font-size:12.0pt;font-family:"Cambria Math","serif";mso-ascii-font-family: "Cambria Math";mso-hansi-font-family:"Cambria Math";mso-bidi-font-family: "Plantagenet Cherokee";font-style:italic;mso-bidi-font-style:normal'><m:ctrlPr></m:ctrlPr></m:radPr><m:deg></m:deg><m:e><span style='font-size:12.0pt; line-height:107%;font-family:"Cambria Math","serif";mso-fareast-font-family: Calibri;mso-fareast-theme-font:minor-latin;mso-hansi-font-family:"Plantagenet Cherokee"; mso-bidi-font-family:"Plantagenet Cherokee";mso-ansi-language:EN-US; mso-fareast-language:EN-US;mso-bidi-language:AR-SA'><m:r>23</m:r></m:e></m:rad></m:oMath></m:oMathPara><![endif]--><!--[if !msEquation]--> <v:shapetype id="_x0000_t75" coordsize="21600,21600" o:spt="75" o:preferrelative="t" path="m@4@5l@4@11@9@11@9@5xe" filled="f" stroked="f"> <v:stroke joinstyle="miter"> <v:formulas> <v:f eqn="if lineDrawn pixelLineWidth 0"> <v:f eqn="sum @0 1 0"> <v:f eqn="sum 0 0 @1"> <v:f eqn="prod @2 1 2"> <v:f eqn="prod @3 21600 pixelWidth"> <v:f eqn="prod @3 21600 pixelHeight"> <v:f eqn="sum @0 0 1"> <v:f eqn="prod @6 1 2"> <v:f eqn="prod @7 21600 pixelWidth"> <v:f eqn="sum @8 21600 0"> <v:f eqn="prod @7 21600 pixelHeight"> <v:f eqn="sum @10 21600 0"> </v:f></v:f></v:f> </v:f></v:f></v:f></v:f></v:f></v:f></v:f></v:f></v:f></v:f></v:formulas> <v:path o:extrusionok="f" gradientshapeok="t" o:connecttype="rect"> <o:lock v:ext="edit" aspectratio="t"> </o:lock></v:path></v:stroke></v:shapetype><v:shape id="_x0000_i1025" type="#_x0000_t75" style="width:21pt; height:17.25pt"> <v:imagedata src="file:///C:\Users\SHOPER.PK\AppData\Local\Temp\msohtmlclip1\01\clip_image001.png" o:title="" chromakey="white"> </v:imagedata></v:shape><!--[endif]--><!--[if gte msEquation 12]><m:oMathPara><m:oMath><m:rad><m:radPr><m:degHide m:val="on"/><m:ctrlPr></m:ctrlPr></m:radPr><m:deg></m:deg><m:e><span style='font-size:12.0pt; line-height:107%;font-family:"Cambria Math","serif";mso-fareast-font-family: Calibri;mso-fareast-theme-font:minor-latin;mso-hansi-font-family:"Plantagenet Cherokee"; mso-bidi-font-family:"Plantagenet

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3 Acylation of benzene to produce aliphatic aromatic ketones is known as:

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4	The sample being analyzed is called	A. Electrolyte B. Substance C. Analyte D. All of above
5	If the rate of decay of radioactive isotope decreases from 200 cpm to 25 cpm after 24 hours, what is its half life :	A. 8 hours B. 6 hours C. 4 hours D. 3 hours
6	Question Image	
7	Lime is often used as an agent:	A. dehydrating B. hydrating C. oxidizing D. reducing
8	When an electron is added to a uni positive ion we get:	A. Cation B. Molecule C. Neutral atom D. Anion
9	It rate law of an equation is written asdx/dt=K[A][B] ?	A. Reaction is independent of the concentration of A and B. B. Product is decreasing with passage of time. C. Reactant in increasing with passage of time. D. Reactant is increasing with passage of time.
10	Halogens on treating with silver salts of acids give	A. Alcohol B. Ester C. Phenol D. Alkyl halide
11	The attraction that an atom exerts on a pair of electrons that are being shared with another atom for forming covalent bond is referred to as its	A. Electron affinity B. Electronegativity C. Ionisation energy D. Valency
12	In $KO_2$the oxidation state of oxygen is	A. -2 B. -1 C. +1/2 D. -1/2
13	The orbital in Rutherford's model is	A. Spiral B. Circular C. Both D. None

		D. None
14	The temperature at which the vapour pressure of a liquid becomes equal to external pressure is	A. Melting point B. Sublimation point C. Inversion point D. Boiling point
15	For a given process the heat change at constant pressure $q_p$is related to the heat change at constant volume (q_v) according to	A. q_p= q_v B. q_p< q_v C. q_p> q_v D. q_p= qv/2
16	Which one of the following is a buffer	A. HCl + NaCl solution B. CH₃COOH + CH₃COONH₄solution C. H₂SO₄+ CaSO₄solution D. CH₃COOH + CH₃COONa
17	Cuprous ore among the following is	A. Chalcopyites B. Azurite C. Cuprite D. Malachitre
18	By reaction Grignard's reagent with the HCHO we get	A. 1° - alcohol B. 2° - alcohol C. 3° - alcohol D. All of these
19	Compared to a 1.0M aqueous solution of calcium chloride will have	A. The same freezing and boiling point B. A lower freezing point and lower boiling point C. A lower freezing point and higher boiling point D. A higher freezing point and higher boiling point
20	Same amount of electric current is passed through solutions of $AgNO_3$and HCl. If 1.08 g of silver is obtained in the first case, the amount of hydrogen liberated as S.T.P in the second case is	A. 112 cm³ B. 22400 cm³ C. 224 cm³ D. 1.008 g