ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	The general formula of alkyl halides is	A. C_nH_{2n}X B. C_nH_{2n-1}X C. C_nH_{2n+1}X D. C_nH_{2n-2}X
2	Sintered glass is porous material used for:	A. Absorption B. Decoration C. Filtration D. All of above
3	How is the secondary structure of protein stabilized	A. Through hydrogen bonding B. Through ionic bonding C. Through van der wall forces D. Through covalent bonding
4	The bibre which is composed of at least 85% by weight of acrylonitrile is known as	A. Royan fibre B. Azlon fibre C. Saran binre D. Acrylic fibre
5	If an electrophile attacks then _____ bond breaks first	A. C - H B. O - H C. C - O D. None of these
		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: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"/><m:ctrlPr></m:ctrlPr></m:radPr><m:deg></m:deg><m:e><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">

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

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7	Which is volatile liquid?	A. HF B. HCl C. HBr D. HI
8	Which of these polymers is a synthetic polymer	A. Animal fat B. Starch C. Cellulose D. Polyester
9	The strongest acid is	A. HF B. HCl C. HBr D. HI
10	Water is purified by the process:	A. Aeration B. Coagulation C. Chlorination D. All of these
11	Which of the following species has the highest ionization potential?	A. Ne B. Al⁺ C. Mg⁺ D. Li⁺
12	Environmental pollution affects	A. Biotic components B. Plants only C. Man only D. Biotic and abiotic components of environment
		A. A mono atomic gas

13	White phosphorus is	A. A monoatomic gas B. P₄, a tetrahedral solid C. P₈, a crown D. A linear diatomic molecule
14	Introduction of a second methyl group in methylbenzene will give how many isomeric dimethyllenzenes	A. 2 B. 1 C. 3 D. 4
15	Tollen's reagent is	A. Ammonical cuprous chloride B. Ammonical cuprous oxide C. Ammonical silver bromide D. Ammonical silver nitrate
16	For which of the following sets of quantum numbers and electron will have the highest energy?	A. 3,2,1,1/2 B. 4,2,-1,1/2 C. 4,1,0,-1/2 D. 5,0,0,1/2
17	Which of the following is not related to transition metals	A. They have a high tensile strength B. They are ductile C. They are malleable D. They have low melting points
18	A smuggler could not carry gold by chemically depositing iron on the gold surface since	A. Gold is denser B. Iron rusts C. Gold has higher reduction potential then iron D. Gold has lower reduction potential then iron
19	Which three elements are needed for the healthy growth of plants	A. N, S, P B. N, Ca, P C. N, P, K D. N, K, C
20	Salol is prepared from	A. Salicylic acid and phenol B. Salicylic acid and methyl alcohol C. Both D. None