

Chemistry		(B)	L.K.No. 1072	Paper Code No. 8484
Paper	11	(Objective Type)	Ist - A - Exam - 2023	(Group 2 nd)
Time	:	20 Minutes	Inter (Part II)	
Marks	:	17	Session (2019 – 21) to (2021 – 23)	

Note: Four possible choices A, B, C, D to each question are given. Which choice is correct fill that circle in front of that Question No. Use Marker or Pen to fill the circles. Cutting or filling two or more circles will result in Zero Mark in that Question.

	Swp-12-2-23			
141	onverted into Ethanoic Acid by :			
(1)	(A) Hydrogenation (B) Hydration (C) Oxidation (D) Fermentation			
(2) Which One is mo	ost Toxic : (A) CO ₂ (B) CO (C) O ₂ (D) CH ₄			
(3) Which Woody Ra	w Material is used for the manufacture of Paper Pulp : (A) Eucalyptus (B) Bagasse (C) Wheat Straw (D) Bamboo			
(4) Which of these P	Polymers is a Condensation Polymer : (A) nylon - 6, 6 (B) Polystyrene (C) Polyethene (D) Polyvinylchloride			
(6) The Carbon Atom	p - Hybridized (B) sp ² - Hybridized (C) sp ³ - Hybridized (D) dsp ² - Hybridized			
(7) Which Enzyme is	Which Enzyme is not involved in fermentation of Starch : (A) Diastase (B) Zymase (C) Urease (D) Maltose			
(8) Grignard Reagent	(A) The presence of Halogen Atom (B) The presence of Mg atom (C) The polarity of C – Mg bond (D) None of these			
(9) The conversion of	f n - hexage into Benzene by heating in the presence of Pt is called : (A) isomerization (B) Aromatization (C) Dealkylation (D) Rearrangement			
All the second s	getable Ghee involves : A) Halogenation (B) Hydrogenation (C) Hydroxylation (D) Dehydrogenation			
	is associated with which set of Hybrid Orbitals : (A) sp (B) sp ² (C) sp ³ (D) dsp ²			
(12) f - block elements	(A) Non Typical Transition Elements (B) Outer Transition Elements (C) Normal Transition Elements (D) Inner Transition Elements			
(13) Hydrogen Bond Is	the strongest between the Molecules of : (A) HF (B) HCI (C) HBr (D) HI			
(14) Oxidation of NO	In air produces : (A) N ₂ O (B) N ₂ O ₃ (C) N ₂ O ₄ (D) N ₂ O ₅			
(15) Which of the follo	owing elements is not present abundantly in Earth's Crust: (A) Silicon (B) Aluminium (C) Sodium (D) Oxygen			
(16) The number of El	ements classified by Newlands in the Periodic Table are :			
	(A) 38 (B) 62 (C) 92 (D) 85			



Roll No.	1072 - 16000	Inter (Part II)	Session (2019 – 21) to (2021 – 23)	
Chemistry (Subjective)	ist - A - Exam 2023	Group 2nd	Time 2:40 Hours Marks: 68	

Note: it is compulsory to attempt any (8 – 8) Parts each from Q.No. 2, Q.No.3 and attempt any (6) Parts from Q.No.4. Attempt any (3) Questions from Part – II. Write same Question No. and its Part No. as given in the Question Paper.

Make Diagram where necessary.

Part - I

Dwp-12-2-23

22 x 2 = 44

Make	Diagrar	n where necessary. Part - I $UW P - 12 - 22 = 44$]						
No.2	(i)	How will you convert Boric Acid into Borax and Vice Versa?							
	(11)	while SiOn is a Solid?							
	(111)	What are Semiconductors ? Give two examples.							
	(iv)	Write two Electrophilic Substitution Reactions of Benzene.							
	(v)	Prepare Benzene from Acetylene.							
	(vi)	Draw the resonance structures of Benzene.							
	(vii)	The manufaction and Thermosetting Polymers.							
	(viii)	A Monomers of Front Resins.							
	(ix)	Bushing classified based on their functions?							
	(x)	A Company of Polyment							
	(xi)	What do you mean by Biochemical Oxygen Demand (BOD)?							
	(xii)	Write the two harmful effects of Chlorination of Water.							
Q.No.3	(1)	Write down names and formulas of any two Ores of Sulphur.							
	ļ	How Is H ₂ SO ₄ used to Dehydrate the Oxalic Acid and Glucose ?							
	(11)		-						
	(111)	How does Aqua Regia dissolve gold in it? What is Reforming? Give its chemical equation.							
	(iv)	What is Reforming r Give its chemical Equation What are Allcyclic Compounds? Draw structure of two compounds.							
	(v)	What are Alicyclic Compounds; Draw structure of two compounds. What is Markownikov's Rule ? Give one example.							
	(vi)		_						
	(vii)								
	(viii)	How will you prepare Chloroprene from Ethyne? Give two methods for preparation of Alkylhalides from Alcohol.							
	(ix)								
	(x)	What are S _N 2 Reactions? Give one example.	_						
	(xi)	How is Diammonium Phosphate prepared?							
	(xii)								
Q.No.4	(1)	Under what conditions does Aluminium Corrode ?	_						
	(11)		-						
	(111)								
	(iv)								
	(v)								
	(vi)								
	(vii	Write down any four uses of Acetaldehyde .							
	(vii	How can you distinguish Carbonyl Compounds from Non - Carbonyl Compounds?							
	(ix	2 - 24	T						
		Part-11	(4						
Q.No.5	5 (a)	What are the Halides? Write its types. Describe one of them in detail.	1						
	(b)		١						
		(iii) Gypsum is heated (iv) Beryllium Oxide is treated with NaOH	(4						
Q.No.	6 (a)		(4						
	(b)		(4						
Q.No.7	7 (a)	Define sp Hybridization. Explain formation of Ethane Molecule according to this							
		approach.	4						
	(b)	of Bersene on the basis of Atomic Orbital Treatment.	(
Q.No.8		of Kolbe's Electrolytic Method for the preparation	1						
Q.NO.	(4)	of Ethane.	1						
			1						
	(p)		+						
Q.No.9	.9 (a								
		(a) Acetaldehyde (b) Acetone (c) Ethanol	+						
-	(b	Write Mechanism for the formation of Ethyl Acetate from Ethyl Alcohol and							