EQUILIBRIUM CLASSES

IVI.IVI-20	.IVI-20 Cnemistry						
Attempt all qu							
Q.1 -Write I.U.P.	.A.C NAME OF						
(i)	/	(ii)	CH ₂ =CH-CH ₂ -COOH	(2)			
<u> </u>	<_						
Q.2- Write short	(2)						
Q.2- Write short notes on the following name reaction. (2) (1) Cannizaro's Rn (2) Rosenmund readuction. (3) Woflf kishner reduction							
Q.3- Explane why-(any two)							
Q.3- Explane why-(any two) (2) (1) Aniline can not be prepared by Gabriel phthalidimide synthesis.							
(2) Phenols are	(2) Phenols are more acidic than ethanol.						
(3) Carboxylic	acids are more ad	cidic than pher	nol.				
(4) Chloroform	າ in kept in air tig	ht dark colour	ed bottles and ethanol in a	dded.			
Q.4 Carry out fo	ollowing canversi	ons.(any four)		(4)			
(1) Prop	an -1-01 to propa	an -2-01.					
(2) Ethyl magnesium bromide to 2-methyl butan -2-01.							
• •	ose in to sorbitol.						
• •	naldehyde into Ur						
• •	ene into cyano B						
• •	namine into Metl						
• •	anol into Ethano			(-)			
			2- Dacron 3-nylon 6,6	(2)			
	ens when write cl		ons	(2)			
	se is treated with						
• •	aldehyde is treate kyl halide underg						
	-		OII				
(iv) calcium formate is heated Q. 6 why it is necessary to remove either water or ester during preparation of ester from							
alcohol and acid		Centilei Water	or ester during preparatio	(2)			
	nechanism of any	two		(2)			
	dration of alcohol			(-/			
	dration of alcoho						
	reaction						
Q.8 complete th	e following react	ions		(2)			
(a) HCHC) + C ₆ H ₅ CH(Conc.NaOH					
(b) (CH ₃) ₃ CBr+	+ KOH						
(c) C ₆ H ₆ +CO+	HCl						
(d) CH₃CHO	<u>NaOH</u> — — — — — — —	_					
CHEMISTRY FOR - I.I.T-J.E.E UPSEEE,CPMT,AIPMT - BY ANUJ SIR 9415573342							
**** H	APPY N	IEW Y	EAR2017	7 ****			

EQUILIBRIUM CLASSES

WI.WI-20	.IVI-20 Gnemistry					
Attempt a	ll question marks a	are given infront	of each question			
Q.1 -Write I	U.P.A.C NAME OF					
(i) <u> </u>		(ii)	CH ₂ =CH-CH ₂ -COOH	(2)		
`` >	=<<	. ,		. ,		
Q.2- Write s	(2)					
Q.2- Write short notes on the following name reaction. (1) Cannizaro's Rn (2) Rosenmund readuction. (3) Woflf kishner reduction						
Q.3- Explane why-(any two)						
Q.3- Explane why-(any two) (2) (1) Aniline can not be prepared by Gabriel phthalidimide synthesis.						
(2) Phenol	(2) Phenols are more acidic than ethanol.					
(3) Carbox	ylic acids are more	e acidic than phe	enol.			
(4) Chloro	form in kept in air	tight dark colou	red bottles and ethanol in a	dded.		
Q.4 Carry o	ut following canve	rsions.(any four).	(4)		
(1) F	Propan -1-01 to pro	opan -2-01.				
(2) Ethyl magnesium bromide to 2-methyl butan -2-01.						
	Slucose in to sorbit					
	ormaldehyde into					
	Benzene into cyano					
	thanamine into M					
• •	lethanol into Etha			(-)		
Q.5 Write th	(2) (2)					
Q.6 what happens when write chemical reactions (i) glucose is treated with HI						
	enzaldehyde is tre S° alkyl halide unde		lian.			
		_	uon			
(iv) calcium formate is heated Q. 6 why it is necessary to remove either water or ester during preparation of ester from						
alcohol and			or ester during preparatio	(2)		
	ne mechanism of a	ny two		(2)		
	hydration of alcol	=		(- /		
	ehydration of alco		9			
	N ¹ reaction					
Q.8 comple	te the following re	actions		(2)		
(a) HC	HO + C₅H₅CI	HO conc.NaOH	1 →			
(b) (CH ₃) ₃	CBr+ KOH					
(c) C ₆ H ₆ +	CO+HCl					
(d) CH₃CH	O					
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