No. of Printed Pages : 2

	SEAT No.			No. of Printed	Pages:	<u> </u>	
•	* ·	SARDAR PATE	L U	NIVERSITY			
[46/A16]		B. Sc. Industrial Chemistry (V)					
	[40] 11 24 3	SEMESTER - VI EX					
		Heavy and fine					
Dato	: 28 TH March 2018	SUB CODE:	US0		* * *		
Date.	Wednesday			· ·	L0:00 AM TO	1:00 P	M
	vvcuncsuay	•		Total N	/larks: 70		
Q. 1	Choose the correct answ	ver.			,		[4.03
(1)			ohol	gives	en en la de la companya de la compa La companya de la co	- :1	[10]
27.0	(A) Vinyl acetate	,ii				+ 5	
	(B) Propagyl alcohol		(D)	Acetone			
(2)	Propionaldehyde and for	rmaldehyde reacts wit	h am	monia to give	<u>sa</u> , ett.	•	* *
*	(A) 2,6-dimethyl pyric	line	(C)	3,5-dimethylpyridir	ie.		
(2)	(B) 3-methyl pyridine		(D)	4-methyl pyridine			
(3)	/a\	ildenyde reacts with a	mmo	nia to give mainly			
* :	(A) Pyridine (B) Picolines		(C)	Urea			
(4)		out 1 to 2% alvegrin is	(U)	Formic acid			
	(A) Sweet water	out I to 270 glycelii is	(C)	Absolute alcohol			
	(B) Harsh water		(D)	Hard water	s.		4
(5)	When alcohols or pheno	ls are reacted with pho	ospho	prous pentoxidethe m	ixture of		
1. 7	is formed	•	•	10.00			
173	(A) Di and tri esters		(C)	Mono and di esters		13	
(6)	(B) Diesters		(D)	Ethers			
(6)	•	reacts with phenols t		m		:	8 1
	(A) Tri methyl phosph		(C)	Phosphoric acid	*		
(7)	(B) Tri aryl phosphate		(D)	Phosphorous penta	chloride		
177	The carbon tetrachloride (A) Distillation	is removed from the					
	(B) Evaporation	•	(C) (D)	Extraction Drying			
(8)	The action of bleaching p	owder on acetone viel	ds	ыунів	4.5		
	(A) CH₃CI	,	(C)	CHCl₃			
	(B) CH ₂ Cl ₂		(D)	CCI			
(9)	In manufacture of met	hylamines, vapours p	ass i	through reaction cha	amber cont:	aining	
	as catalyst.					6	
	(A) Silica-gel		(C)	Iron borings			
(10)	(B) Alumina-gel		(D)	Palladium			
(10)	Propylene oxide is isomer (A) Trilithium orthophe	rized to ally! alcohol in	the	oresence of ca	atalyst.		
	(B) Trilithium phospha		(C)	Palladium orthopho			
	(b) memani pilospila	(e	(D)	Tellurium orthophos	sphate		
	·						
Q.2	Answer the following.(at	tempt ten)					ใกตา
(1)	Write the uses of vinyl ac	etate.					[20]
(2)	Drown the flow sheet of vinyl chloride from acetylene and HCI						
(3)	write the uses of phenol.						
(4) (5)	Draw the flow sheet for manufacture of formaldehyde from methanol.						
(6)	Write the raw materials required for manufacture of glycerin via acrolein.						
(7)	Draw the flow diagram for manufacture of glycerin from acrolein route. Write the reactions for chlorination of methane.						
(8)	8) Enlist the uses of chloroform						
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		1. 《新····································	on the state of th					
(9) (10) (11) (12)	Draw the flow sheet for manufacture of methyl chloride and dichloromethane. Explain the chemical properties of di-butyl ether. Write chemical properties of DMSO. Write the reaction of manufacture of alkylamines from alcohol and ammonia.							
Q.3	(A) (B)	Write a note on phenol by cumene process. Write a note on vinyl acetate.		[05] [05]				
Q.3		Explanatory note on vinyl chloride	en e	[10]				
Q.4	(A) (B)	Write a note on melamine. Write a note on glycerin from propylene via allyl chloride OR	en in the present addition recently standard the terrelatives and the	[05] [05]				
Q.4	(A) (B)	Explain manufacturing process of formic acid. Explain about triphenyl phosphine.	The second of th	[05] [05]				
Q.5	(A) (B)	With the help of flow diagram explain manufacture of tri e With the help of flow diagram explain manufacture of ch bleaching powder	ethanol amine.	[05] [05]				
Q. 5		OR With the help of flow diagram explain manufacture of chlor	proform via chlorination	[10]				
Q. 6	(A) (B)	Write explanatory note on sulfolane. Write the manufacturing process of diethyl ether. OR	a Monath e La Carlo de Maria Garage Carlo de A	[05] [05]				
Q. 6	(A) (B)	Write the manufacturing process of DMSO. Write note on DMF.	may produce the same of the sa	[05] [05]				
		=X $=$ X		N.				

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