ORGANIC CHEMISTRY – I (Common with B.Sc., B.Sc. Biotech.) Part–I, Paper–II (Re-appear April–2013)

		NH ₃	CHO	ОН			
		(i) CH ₃ - C - H	(ii) -c-011	(iii) H-c-	NH,	5	9
		l Br	l CH ₃	CI	6		,
5.	(b) (a)	Explain the conformation Define aromaticity. H	OW IS MUCKET NO. USC	iui iii assigiiiiig a.	omaticity	to various anion	s and cations?
6.		Give suitable example Outline the mechanis ain in detail : Markownikoff's Rule	sm of nitration and si	ulphoration of ber ogration=Oxidatio		Ozonolysis	15
7.	(a) (a) (b)	Give the preparation Explain the chemica	Sec	tion: C	or this stat	oility. Iditions.	5
8.	9990	Write note on Diels- Account for the relat Explain SN ² and SN	ive reactivity of alkyl	halides and aryl h			3 7 8
9.		all the parts in short: Why vinyl halides a Give reaction of SOO Why terminal alkyn Write the product of What are allenes? O Give two industrial	re less reactive? Cl, with ROH. es are acidic? f H, O and acetylene dive one example. applications of ethyl	in presence of HgS	so,¦H⁺.		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	(vii)	What are σ and π-co	implexes?				í

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