AS-2159

Model Answer for M.Sc. (Third Semester) Examination, 2013 CHEMISTRY

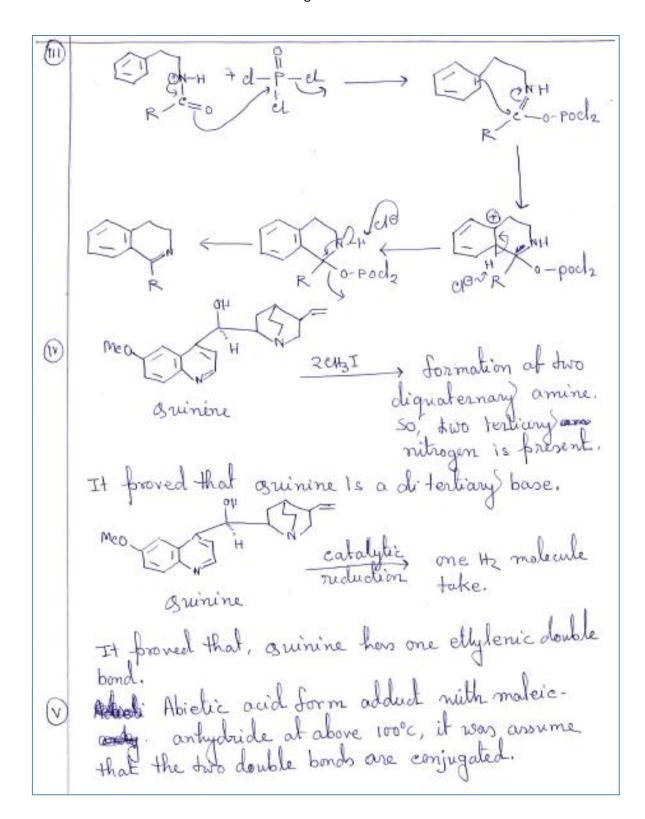
(Specialization – Organic Chemistry)
Paper CMT – 304 (O)
(Natural Products)

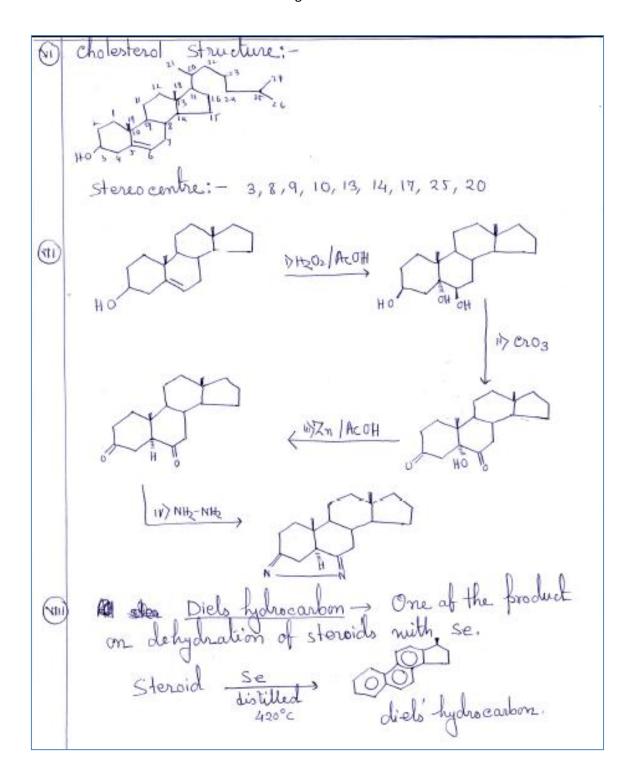
By

Dr. Subhash Banerjee

$\boldsymbol{Section-A}$

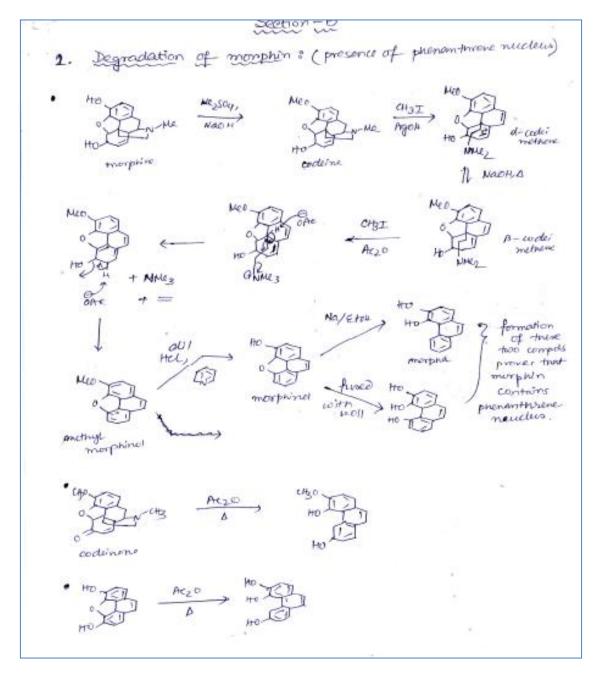
4	Section-A	<u> </u>
30 Alkaloid: - The mostly obtically eyeles as their Physiological ac	baric mitrogenos active and f structural uni	ous flant products, bossesing nitrogen hetero- tonith pronounced
Monshine	Nicotinal and	algeric. e agent, also used for anxiety, snake bite
lia -	1 Acelylated e or benzoylated	
		Solublue in NaoH, shows one ph-oH group.
Ho dine	· Feda	No douration, shows Ph-OH has been acetylated.
From reaction that is a phenoli	n @ and @, ; ic - OH geoup. on @, some p	dwo off group brusent. Proved one of themses is present. roved that one at
them is phenol	ic -oH group.	

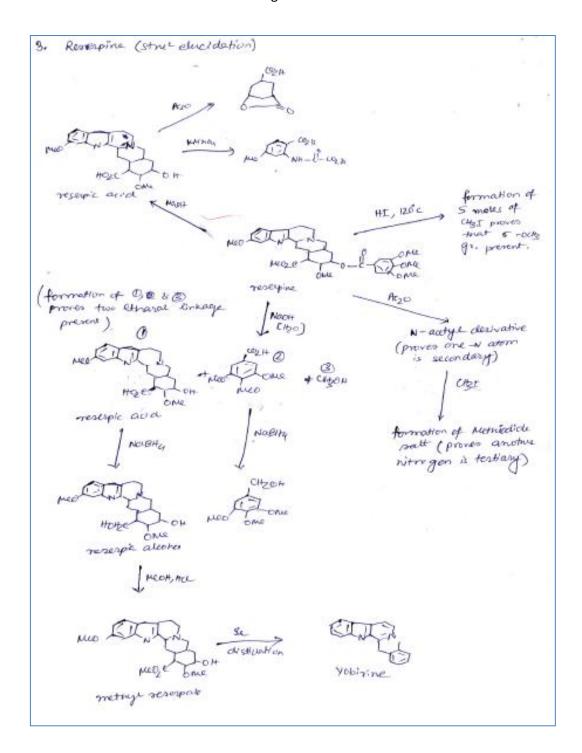


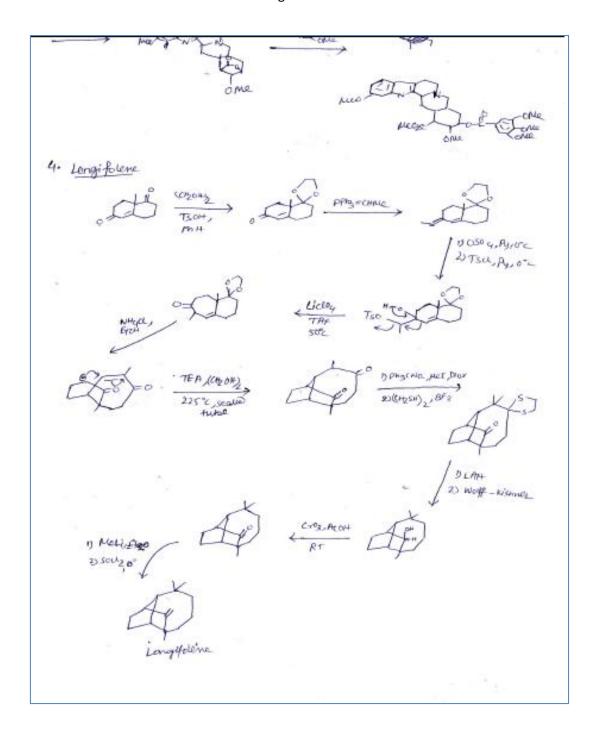


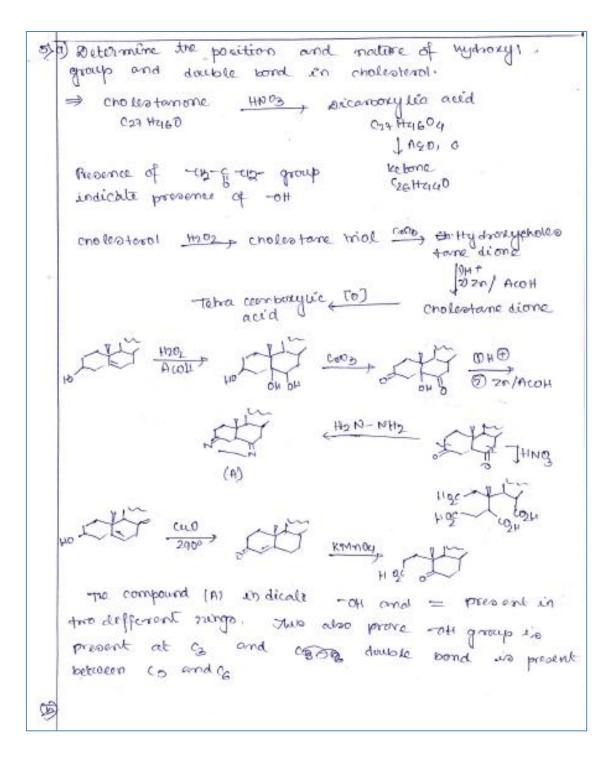
9x-, 11-delydnny-15-0x0-8- (1,3-) dilydrony propys)-9,12 (s) -di hydrony - 57,10E-kepta--decadenoicavid. The bonic structural unit of PG is prostanoic X) acid. It constituted five membered 1) The capital latter A, B, C, E, F denotes the state of onidation and position of the double bond in the cycle pentane ring. 1) The number of to subscript refer to the number at double bond in side chain. 1 -> trans at C13 when subscript, 2 -> eis at cs, trans at e13 3 -> is at es, tramat c13, 11) & (below) and B (abone) indicate the position at - on groupal q.

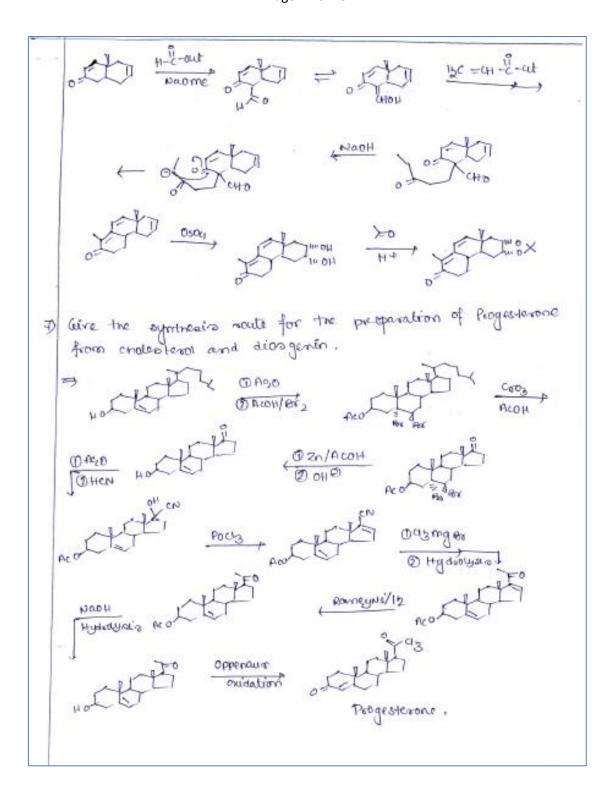
Section - B











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