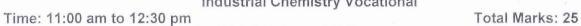
## V.P. & R.P.T.P. SCIENCE COLLEGE B.Sc. (Sixth Semester) Internal Exam

Internal Exam
Wednesday 08<sup>th</sup> March, 2017
Subject code: US06CICV03 (Polymer Science)
Industrial Chemistry Vocational



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Q-1 A	nswer the following multiple choice questions:	[03]
1.	Which one is thermoplastic polymer?	.*
	a. Polyethylene b. Epoxy resin c. Urea formaldehyde	l. Phenol formaldehyde
11.	Reaction between diisocynates and polyol produced	
	a. Phenol-formaldehyde b. Polyurethane c. Phenolic c	d. all of these
III.	Fawiett & Gibson synthesized a. Butadiene b. Polyethylene c. Styrene	d. LABS
Q-2 A	nswer the following short questions (Any Two)	[04]
Parent person scans committee scans committee scans committee scans committee scans	Define Monomer and Repeating unit.  How the phenol is prepared?  Enlist the various methods for polyethylene synthesis.	
Q-3 E	xplain the classification of polymer according to thermal response and mole	cular arrangements.
		[06]
	OR	
Q-3 W	rite the mechanism of addition polymerization.	[06]
Q-4 E:	xplain the process of manufacturing phenol formaldehyde resol resin.	[06]
	OR	
Q-4 D	escribe the process of manufacturing polyurethane.	[06]
Q-5 E	xplain the manufacturing of polyethylene.	[06]
	OR	
0-5 F	cyntain the manufacturing of Polystyrene	[06]