BE - SEMESTER-V • EXAMINATION – SUMMER • 2014			
	_	ect Code: 152602 Date: 13-06-2014	
	Time	ect Name: Latex Technology e: 10:30 am - 01:00 pm	
Q. 1	Answ (i) (ii) (iii) (iv) (v) (vi) (vii)	er the following. Define the term "Latex Preservation". Explain the function of Gelling agent in Latex compounding. What do you mean by Co-agulant dipping? Write the difference between Latex Dipping and Latex Casting. Draw the schematic diagram for Fabric saturation process. Write the chemical composition of NR Latex. List the basic methods for modification of paper by Latex.	(14)
Q. 2	(a) (b) (b)	List the NR Latex Concentration methods and explain any one. Short note on Straight Dipping. OR Draw the schematic diagram for Dipping Tank and explain its design.	(07) (07) (07)
Q. 3	(a) (b)	Discuss about Latex Casting process using Porous mould. Write the advantages of Latex Carpet Backing. OR	(07) (07)
Q. 3	(a) (b)	List the basic types of Latex Casting process and give comparison between them. Draw the schematic diagram for Lick Roll method and explain it.	(07) (07)
Q. 4	(a) (b)	Short note on Dunlop Process. Discuss about manufacturing process of Latex Thread. OR	(07) (07)
Q. 4	(a) (b)	List the basic types of Foaming process and give difference between them. Write about the production of Cut thread and write its properties and applications.	(07) (07)
Q. 5	(a) (b) (c)	Write about Mutual solvent technique for production of Artificial lattices. Discuss about Wet gel Strength property of Synthetic lattices. Explain about Sulfur Prevulcanisation process of NR Latex.	(05) (05) (04)
Q. 5	(a)	OR Short note on Solution Emulsification technique.	(05)

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Seat No.: _____

Write the basic tests carried out for assessment of degree of Sulfur

Write about Mechanical stability of Synthetic Lattices.

(b)

(c)

Prevulcanisation.