Seat No.:	Enrolment No
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## **GUJARAT TECHNOLOGICAL UNIVERSITY**

**BE - SEMESTER-VI • EXAMINATION - SUMMER • 2015** 

		t Code: Technology of Dyeing-II Date:01/05/201 t Name: 162801	5
Ti	me: 1 truction	0.30am-01.00pm Total Marks: 'ons: . Attempt all questions.	70
	3	The state of the s	
Q.1	(a)	Enlist different methods of dyeing Polyester. Describe HTHP method of dyeing and compare and contrast with other methods.	07
	<b>(b)</b>	Write a note on Disperse dye.	07
Q.2	(a) (b)	Explain the mechanism of dyeing Nylon with acid dyes.  Describe dyeing of Nylon with Acid Mordant dyes with different methods.	07 07
		OR	
	<b>(b)</b>	Write a note on Metal Complex Dyes.	07
Q.3	(a) (b)	Explain Effect of Acid and Salt during Wool Dyeing. Write a note on Procilan Dye.	07 07
	(6)		07
Q.3	(a) (b)	OR  Explain Silk Dyeing method with suitable dye and necessary precautions.  Give classification of Acid Dyes.	07 07
Q.4	(a) (b)	Elaborate different attempts adopted for making PP dyeable. Explain conventional method of dyeing PAN.	07 07
		OR	
Q.4	(a)	Describe all the conventional methods of dyeing P/C Blend with Disperse-reactive system. Highlight their problems and suitable solutions.	07
	<b>(b)</b>	Discuss some important dyeing processes of Nylon blends.	07
Q.5	(a)	With neat sketch, explain Principal, Construction and Working of Partially Flooded Jet Dyeing machine.	07
	<b>(b)</b>	Write a note on developments in Padding Mangles.	07
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Q.5	(a)	Describe completely, with neat sketch the working of Cop and Cheese dyeing machine.	07
	<b>(b)</b>	Write a note on material for construction of Dyeing machines.	07

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