Seat No.:	Enrolment No.
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GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VII • EXAMINATION - WINTER • 2014

	v	ject Code: 172802 Date: 02-12-2014	
	Time	ject Name: Computer Aided Designing and Computer Color Matching e: 10:30 am - 01:00 pm Total Marks: 70 actions:	
		 Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks. 	
Q.1	(a) (b)		09 05
Q.2	(a) (b)	Justify the position of digital printing while discussing its merits and demerits. Explain the terms Motif development and Repeat Matching. OR	07 07
	(b)	Discuss the technical aspects of various viewing geometries in CCMS.	07
Q.3	(a)	Explain the process of standardization of illuminant for CCMS with the help of necessary plots.	09
	(b)	Discuss about selection tools and editing tools used in texprint. OR	05
Q.3	(a) (b)	· · · · · · · · · · · · · · · · · · ·	07 07
Q.4	(a)	Discuss the mathematical steps involved in process of match prediction done by CCMS software.	07
	(b)	Discuss technical aspects involved in determination of relative strength of dyes with the help CCMS.	07
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Q.4	(a) (b)	Show Hue circle and discuss about its significance and practical use. Explain the use of color difference measurement for assigning fastness rating using CCMS.	07 07
Q.5	(a) (b)	explain with example.	07 07
0.5	(a)	OR Discuss with the help of sketch, symmetric and asymmetric tolerance.	07
Q.5	(a) (b)		07
