GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-III • EXAMINATION – WINTER 2013

Subject Code: 132801 Date: 03-1			-12-2013
		ame: Textile Design and Color 30 pm - 05.00 pm	arks: 70
	c. U2 ictions:	-	ai K5. 70
	1. A 2. N	Attempt all questions. Make suitable assumptions wherever necessary. Sigures to the right indicate full marks.	
Q.1	(a)	Mention importance of line, shape, size and texture with suital designs.	ole 07
	(b)	Explain with suitable designs, decorative and geometric motifs.	07
Q.2	(a)	Draw the following designs: i) Showing freedom of closeness using any two motifs. ii) Combination of straight line, circle and wavy motifs.	07
	(b)		07
	(b)	Explain "units of design" with suitable illustrations.	07
Q.3		Name the three involvements in perception of color. Explain to entire process of perception of color with schematic diagram a plots showing role of all the three involvements. OR	
Q.3	(a)		ous 07
	(b)		om 07
Q.4	(a)	<u>-</u>	07
	(b)	Give the sketch showing anatomy of human eye while discussion the major components directly related to color perception. OR	ng 07
Q.4	(a)	Explain, three color co ordinates namely, Hue, chroma and value context to desert island experiment.	in 07
	(b)	Discuss, "Munsell System" with necessary diagrams and significance as a color order system.	its 07
Q.5		Elaborately discuss the concept of Color mixing and the comixing laws with suitable examples and diagrams. OR	lor 14
Q.5	(a)	Show Brewster's circle and discuss about the complementacolors.	ary 07
	(b)	Explain the process of modification of colors with the help white, black and other colors.	of 07
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