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

**BE - SEMESTER-VI • EXAMINATION - SUMMER 2013** 

Subject Code: 162902 Date: 27-05-2013		013	
•	: 10	Name: Advanced Fabric Structure and CAD 0.30 am - 01.30 pm Total Marks: s:	70
	2.	Attempt all questions.  Make suitable assumptions wherever necessary.  Figures to the right indicate full marks.	
Q.1	(a)	* •	07
	<b>(b)</b>	varieties of effects produced in hopsack weave. Give classification for double cloth. Hence construct a design for self stitched double cloth.	07
Q.2	(a)	With the help of designs, discuss how ornamentation is done in terry fabrics.	07
	<b>(b)</b>	in leno weaving.	07
		OR	
	<b>(b)</b>	With the help of example, explain how counter leno principle is used for weaving leno fabrics.	07
Q.3	(a)	Construct design for weft back cloth. Also discuss difference between warp back cloth and weft back cloth.	07
	<b>(b)</b>	<u>-</u>	07
		OR	
Q.3	(a)	Construct design and cross-section for the following:- i.Plain back velveteen ii.Twill back velveteen	07
	<b>(b)</b>	Construct design, draft and peg plan for the Bird's eye effect.	07
<b>Q.4</b>	(a)	Explain in brief steps involves in construction of jacquard designing.	07
	<b>(b)</b>	. construct only designs for the following:-	<b>07</b>
		i.Interchanging double cloth ii.Treble cloth	
		OR	
<b>Q.4</b>	(a)	•	07
	<b>(b)</b>	1 1	07
	(6)	i.weft wadded double cloth ii. Corduroy	07
Q.5	(a)		07
		of extra warp figuring and extra weft figuring.	
	<b>(b)</b>	1 0 0 0	07
		weft. Also draw the draft for the same.	
0.5	(2)	OR  Explain briefly, the stars for constructing deliby designs using any	07
Q.5	(a)	Explain briefly, the steps for constructing dobby designs using any CAD software	07
	<b>(b)</b>		07

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