

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER-V • EXAMINATION – WINTER 2013

Subject Code: 152903**Date: 04-12-2013****Subject Name: Fabric Structure - I****Time: 10.30 am - 01.00 pm****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) Draw design, draft and peg plan of ordinary honeycomb on straight draft and point draft. **07**
(b) Draw design, draft and peg plan of brighten honeycomb on 20*20. **07**
- Q.2** (a) Explain plain weave with effects of balanced and unbalanced threads in plain weave. **07**
(b) Explain the extension of hopsack weave. **07**
OR
(b) Explain the rules of getting best sateen. **07**
- Q.3** (a) Explain different kinds of draft with its basic principle. **07**
(b) Explain denting order. **07**
OR
- Q.3** (a) Draw design , draft and peg plan of herringbone twill. **07**
(b) Draw design , draft and peg plan of broken twill. **07**
- Q.4** (a) Draw design, draft and peg plan of plain face Bedford cords. **07**
(b) Draw design, draft and peg plan of pique. **07**
OR
- Q.4** (a) Draw design, draft and peg plan of diamond weaves. **07**
Q.4 (b) Draw design, draft and peg plan of diaper weaves. **07**
- Q.5** (a) Explain mock leno weaves.. **07**
(b) Explain huckaback weaves.. **07**
OR
- Q.5** (a) Draw design, draft and peg plan of transposed twill. **07**
(b) Draw design draft and peg plan of crepe on sateen base.. **07**
