

(Following Paper ID and Roll No. to be filled in your  
Answer Books)

Paper ID : 164669

Roll No. 

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**B.TECH.**

**Theory Examination (Semester-II) 2015-16**

**ADVANCE FABRIC STRUCTURE**

*Time : 3 Hours*

*Max. Marks : 100*

**Section-A**

**1. Note: Attempt all questions. All questions carry equal marks. Write answer of each part in short.**

- (a) What is the use of extra warp figuring?
- (b) What is the use of backed cloths?
- (c) What is the use of damask?
- (d) What is double cloth?
- (e) Where the cards of jacquard have been prepared?
- (f) What is the use of brocade fabric?
- (g) Give the schematic of centre stitched double cloth?
- (h) Is it possible to have circular fabric with double cloth producing machine?

- (i) What is the use of backed fabric?
- (j) What is the use of tapestry structure?

## Section-B

### 2. Attempt any five questions from this section

(5×10 = 50)

- (a) What is extra weft effect? Discuss with the help of diagram. What are the advantages and disadvantages of the design?
- (b) What do you understand by weft backed cloths? Explain reversible weft backed structures and hopsack weaves.
- (c) What do you understand by figured warp rib brocades? Describe rib designs produced in two colors of warp with suitable graphs.
- (d) How can you construct a squared paper jacquard design? Explain in detail.
- (e) What do you understand by development of figures of jacquard? Explain in brief.
- (f) Describe self stitched double cloth fabric with suitable design.

(2)

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- (g) Describe center stitched double cloth fabric with suitable design.
- (h) Describe the features of tapestry weave.

### Section-C

**Note : Attempt any two questions from this section**

(2×15 = 30)

- 3. Draw Self-stitched double cloth with following description. Face : plain weave, back: Plain weave, each warp stitched once in a repeat, face warp is up in back pick.
- 4. Explain multi weft brocade with suitable examples.
- 5. What is Damask? Explain with suitable example. What do you understand by multi weft brocades? Explain two weft brocades with suitable graph.

