

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

Paper ID : 164862

Roll No.

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B.TECH.

Theory Examination (Semester-VIII) 2015-16

ADVANCES IN TEXTILE DESIGNING TECHNOLOGY

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.**

(10×2 = 20)

- (a) What is extra warp effect?
- (b) Define backed cloths.
- (c) What is pique design?
- (d) What is the use of leno weaves?
- (e) What are the constructional parameters to analyze fabric?
- (f) What is tuck fabric?

- (g) What is damask?
- (h) What is the use of backed cloth?
- (i) What do you know about card cutting?
- (j) What do you know about fabric sett ?

Section-B

2. Attempt any five questions from this section

(5×10 = 50)

- (a) Write the characteristics of weft backed warp wadded cloths.
- (b) Make one design of Pique along with drafting and peg plan.
- (c) How damask fabrics are made with the help of twill-
ing jacquard?
- (d) What do you understand by figured warp rib bro-
cades? Describe rib designs produced in two colors
of warp with suitable graphs.
- (e) What are basic principles of swivel weaving?
Describe different elements of any swivel design.

- (f) Write down any one method of producing leno fabric.
- (g) How can you construct a lappet pattern wheel for lappet weaving?
- (h) How motif of jacquard design is made?

Section-C

Note: Attempt any two questions from this section

(2×15 = 30)

- 3. Explain multiweft brocade with suitable examples.
- 4. Write down the waving particulars of following fabrics.
 - i. Suiting
 - ii. Denim
 - iii. Poplin
- 5. Discuss about different sett theories with example to evaluate maximum number of threads in a cloth.

