

## MANIPAL UNIVERSITY

## FOURTH SEMESTER B.DES. (FD) DEGREE EXAMINATION – MAY 2017

## SUBJECT: BFD 204 – FABRIC PROCESSING AND SURFACE DESIGN I

Friday, May 05, 2017

Time: 10:00 – 13:00 Hrs.

Max. Marks: 50

✗ Answer any FIVE complete questions.

✗ Illustrate wherever necessary.

1A. Explain the different methods of calendaring.

1B. Explain any one preparatory fabric finishing process.

(5+5 = 10 marks)

2. Explain any three types of dyes that could be applied to cotton fabrics.

(10 marks)

3A. Explain the different stages of dyeing.

3B. Explain any one resist method of dyeing.

(5+5 = 10 marks)

4A. Explain the process of block printing the fabrics.

4B. Write a short notes on pigment dyes. Explain the process of preparing the printing paste.

(5+5 = 10 marks)

5. Explain any five methods of mechanical printing.

(10 marks)

6. Explain the following:

6A. Anti-static finish

6B. Differentiate grey fabric with finished fabric

6C. Differentiate oxidizing and reducing bleaches

6D. Natural dyes

6E. Exhaustion

(3+2+2+2+1 = 10 mark)

