

## MANIPAL UNIVERSITY

## FIRST SEMESTER M.A. (FM) DEGREE EXAMINATION – NOVEMBER 2017

## SUBJECT: MAFD 507 – TEXTILE CONCEPTS (ELECTIVE-1)

Friday, November 17, 2017

Time: 10:00 – 13:00 Hrs.

Max. Marks: 40

✍ Answer any FOUR complete questions from the following.

## 1. Define the following:

- 1A. Fulling
- 1B. Fibres
- 1C. Spinning
- 1D. Crabbing
- 1E. Pure silk
- 1F. Non-woven fabric
- 1G. Blending
- 1H. Direct system
- 1I. Weaving
- 1J. Ginning

(1 mark × 10 = 10 marks)

## 2. Answer the following:

- 2A. What are natural fibres? Give any two examples.
- 2B. Explain the linen yarn manufacturing process with the help of a flow chart.
- 2C. Write short note on any eight properties of cotton fabric.

(2+4+4 = 10 marks)

## 3. Briefly explain the following:

- 3A. What is silk weighting? Write any two advantages and disadvantages of weighted silk.
- 3B. Draw the cross section of wool fibre and mark the fundamental layers.
- 3C. Explain briefly about the fibre attributes required for spinning.

(3+3+4 = 10 marks)

## 4. Answer the following:

- 4A. Write briefly about:
  - i) The basic weave structures
  - ii) Draw point paper design for huck a back weave
- 4B. Write short notes on leno weave.
- 4C. Explain briefly about various types of yarns.

((3+2)+2+3 = 10 marks)

## 5. Describe briefly:

- 5A. What are the essential qualities required for yarn intended for weaving?
- 5B. What are the characteristics of knitted fabric?
- 5C. Briefly explain Tie Dyed and Ikat Textiles of India.

(3+3+4 = 10 marks)

