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MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD SEMESTER B. DES. (FD) DEGREE EXAMINATION – NOVEMBER 2019

SUBJECT: BFD 203 – TEXTILES
(2015 SCHEME)

Thursday, November 28, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 50

Answer any FIVE complete questions.

1. Define the following:

- 1A. Filament
- 1B. Tow
- 1C. Merino wool
- 1D. Pile fabric
- 1E. Yarn count
- 1F. Non-woven
- 1G. Nylon 6
- 1H. Drawing
- 1I. Ribbed effects
- 1J. Split selvage

(1 mark × 10 = 10 marks)

2. Answer the following:

- 2A. Differentiate between blended fabric and union fabric.
- 2B. Differentiate between weighted silk and pure dye silk, its advantages and disadvantages.
- 2C. Explain the manufacturing process of viscose yarn with the help of a flow chart.

(2+3+5 = 10 marks)

3. Explain the following:

- 3A. Cotton is best for summer attire. Justify the statement.
- 3B. Define yarn. Explain twist, its importance and type of twist seen in yarn.
- 3C. Depict the manufacturing process of acrylic yarn with the help of a flow chart.

(2+4+4 = 10 marks)

4. Answer the following:

- 4A. Explain the manufacturing process of silk yarn with the help of a flow chart.
- 4B. Draw point paper design for the following weaves and write down their properties and end-uses - Plain weave - 3/2 twill weave

(5+5 = 10 marks)

5. **Describe briefly:**

- 5A. Define Weaving. Write short notes on any two types of weaves.
- 5B. Various web formation methods used for manufacturing non-woven fabrics.
- 5C. Write short notes on carding.

(4+4+2 = 10 marks)

6. **Answer the following:**

- 6A. Define knitting. Briefly explain various types of knitted fabrics.
- 6B. Briefly explain the properties and end uses of nylon fibre.
- 6C. Write short notes on slub yarns and chenille yarns.

(4+4+2 = 10 marks)

