

**M.Sc. FASHION MERCHANDISING AND  
RETAIL MANAGEMENT (MSCFMRM)**

00435

**Term-End Examination**

**December, 2014**

**MFW-007 : FABRIC AND GARMENT - I**

*Time : 3 hours*

*Maximum Marks : 70*

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**Note :** Attempt any **seven** questions. All questions carry equal marks.

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1. Discuss the following :  $4 \times 2 \frac{1}{2} = 10$
- (a) "Cotton is considered apt for hot, humid weather." Which properties of cotton substantiate this statement ?
- (b) What are the purposes of blending ?
- (c) Which fibers and weaves would you prefer for carpets, to be used in retail stores with high traffic areas ?
- (d) "Textile Industry of India."
2. Briefly describe any two knitting machines.  
Discuss the several types of weft knitted fabrics. 10

3. Name the methods of fabric construction. How are these methods different from each other ? Describe how loom produces woven fabric. 10
4. List the steps to manufacture the most commonly used cellulosic fibers with their physical, chemical, thermal and biological properties. 10
5. Differentiate between any *five* of the following : 5×2=10
- (a) S and Z twist direction
  - (b) Non-Woven and Felts
  - (c) Ply and Cord yarns
  - (d) Wet spinning and Dry spinning
  - (e) Even and Uneven twill
  - (f) Yarn and Piece dyeing
6. Discuss the steps involved in manufacturing process of any one synthetic fiber. Enumerate the merits and demerits of natural fibers over synthetic fibers. 10
7. With reference to 'Printing', answer the following : 4+6=10
- (a) What are the different methods of printing ?
  - (b) Explain any three techniques of printing.

8. Explain how these finishes affect fabric properties, such as appearance or functionality of fabrics. Attempt any *five* of the following :  $5 \times 2 = 10$
- (a) Bleaching
  - (b) Durable Press
  - (c) Water Proof
  - (d) Calendering
  - (e) Mercerisation
  - (f) Flame Retardant
9. Explain the common defects in woven fabrics. Elaborate on any three weaves with examples.  $4 + 6 = 10$
10. Name the various types of silk. List the essential qualities of silk with the sequential process of spinning of silk yarn.  $10$
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