

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

Term-End Examination

00361

June, 2014

MFW-007 : FABRIC AND GARMENT - I

Time : 3 hours

Maximum Marks : 70

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

1. With reference to 'Weaving of Textiles' write short notes on the following : *5×2=10*
 - (a) What is weaving ?
 - (b) Name of the various parts of a loom
 - (c) Cut Pile and Uncut Pile with examples
 - (d) Twill Weave
 - (e) Jacquard Weave

2. Identify the spinning process used to produce Nylon and Polyester yarn. How is it different from the process to produce rayon fiber ? Explain both of them. *10*

3. Explain various criteria used for classification of finishes with one example for each group. Elaborate any three finishes used to change the aesthetic appeal of fabrics. 4+6=10
4. (a) "Home laundering of wool requires care" – Elaborate this statement with the list of do's and don'ts with reasons.
- (b) Compare the performance characteristics of Nylon and Cotton. Why are blends of these two fibers currently used ? 5+5=10
5. Explain the extraction of cotton fibers from their plants till its yarn formation, with its salient features. 10
6. (a) Discuss the properties of polyester filament and fabric made in terms of – Strength, Absorbency, Elasticity, Warmth, Abrasion Resistance. 5
- (b) Describe the appearance and problems created by these colour defects : 5
- (i) Bleeding
 - (ii) Migration
 - (iii) Shading
 - (iv) Crocking
 - (v) Streaking

7. Explain the sequence of processes for spinning of any animal fiber. Discuss its physical and chemical properties. 10
8. Describe the various machines used for knitting. How is weft knitting different from warp knitting? 6+4=10
9. (a) Explain simple and complex yarns. 5
(b) Briefly describe methods of dyeing textiles at yarn stage. 5
10. Differentiate between the following : 5×2=10
(Any *five*)
- (a) Retting and Rippling of linen fiber
 - (b) Blotch and Duplex Printing
 - (c) Wild Silk and Mulberry Silk
 - (d) Screen and Stencil Printing
 - (e) Raw materials of Nylon 6 and Nylon 6, 6
 - (f) Discharge and Resist methods of printing
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