

**M.Sc. CREATIVE DESIGN CAD-CAM
(MSCCAD)**

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Term-End Examination

December, 2017

**MFR-039 : DESIGN FINISHING, VALIDATION
AND DESIGN MANAGEMENT**

Time : 3 hours

Maximum Marks : 70

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

1. Explain the following in brief : 10
 - (a) Aniline finish leather
 - (b) Deep hair cell printed leather
 - (c) P.U. film coated leather
 - (d) Brush off finish leather
 - (e) Nubuck leather

2. Describe different types of waxes and their uses in shoe finishing. 10

3. Describe the process of product designing and verification. 10

4. What are the basic benefits of design validation ? 10
 5. Briefly describe two important tests required for validating a shoe design. 10
 6. What are the general physical properties of soling materials for shoes and footwear ? 10
 7. Write short notes on the following : 10
 - (a) Soft Launch
 - (b) EST QAST
 8. Prepare a design brief for a Derby shoe for the domestic market. 10
 9. Make a flow chart of a toe cap Oxford shoe in stuck-on construction. 10
 10. What is Design Contracting ? Write a note on it. 10
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