

**M.Sc. IN CREATIVE DESIGN CAD / CAM  
(MSCCRD)**

**Term-End Examination**

**00125**

**June, 2015**

**MFW-046 : DESIGNING - III**

*Time : 3 hours*

*Maximum Marks : 70*

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

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1. Describe Direct Injection Moulding with the help of a neat diagram. 10
2. What are the main features of a sports shoe ? 10
3. Write down the process of sending multiple files to the output machine. 10
4. Explain the shoe making process in stuck on construction of a toe cap Oxford with counter. 10
5. Explain in briefly, the Strobel construction with the help of a neat diagram. 10
6. Discuss different types of sports shoes with a flow diagram. 10

7. If you have patterns of any sandal design, can you do the size grading of it without standard? If the answer is yes, explain how. Write down the complete process. 10
8. Illustrate at least three types of foot deformities. How are these deformities tackled while designing shoes? 10
9. Write down the complete process of last preparation for 3D digitization with a graphic illustration. 10
10. Write short notes on any *two* of the following:  $2 \times 5 = 10$
- (a) Hammer Toe
  - (b) Gimping
  - (c) Causes of Blister in Foot
  - (d) Lasting and Finishing
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