

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

00324

**Term-End Examination**

**June, 2015**

**MFW-044 : FOOTWEAR TECHNOLOGY - II**

*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. Write the five different materials used for manufacturing soles. Also write the ideal qualities for the soling material. 10
2. What are the different types of leather unit sole ? Write the sequence of operation for making close trim leather unit sole. 10
3. What are the different types of insole ? Also write the name of the machines involved in the manufacturing of insole. 10
4. What are the various steps in the manufacturing of fibre boards in cylinder bed machine ? Explain with the help of a diagram. 10
5. What is the purpose of heat setting ? Explain the different types of heat setters. 10

6. Write down ten safety measures to be followed in the lasting work in factory. 10
7. How do you process the following soling materials while attaching to the leather upper : 10
- (a) TPR
  - (b) EVA
8. What types of adhesives would you generally use in the lasting department ? Name and explain their uses. 10
9. Describe the sequence of the operation for goodyear welted construction of full shoe making using hand lasting method. 10
10. Write the functions of the following parts in the machines :  $4 \times 2 \frac{1}{2} = 10$
- (a) Flanging Device
  - (b) Insole Rest
  - (c) Toe Pad
  - (d) Wire Brush
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