

**M.Sc. FOOTWEAR TECHNOLOGY
(MSCFWT)**

Term-End Examination

June, 2015

00275

MFW-036 : LASTING

Time : 3 hours

Maximum Marks : 70

Note :

- (i) *Attempt any seven questions.*
- (ii) *All questions carry equal marks.*
- (iii) *Standard symbols and notations have usual meaning.*

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1. What is the purpose of Heat Setting ? Explain the different types of Heat Setters. 10
 2. Write any ten safety measures which should be followed in the lasting work lab. 10
 3. How do you process the following soling materials while attaching to the leather upper : 2×5=10
 - (a) PU
 - (b) MCR

4. What types of adhesives would you generally use in the lasting department. Name and describe their usage. 10

5. What is RIM ? What is its advantage and how is it done ? Describe in detail. 10

6. Write down 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

7. Explain in detail the basic elements of Inspection Planning. 10

8. Draw a cross-sectional diagram of the following and give examples of their application : $4 \times 2 \frac{1}{2} = 10$

- (a) Flat Lasting
- (b) Lasting Up
- (c) Rib Lasting
- (d) Flanged Lasting

9. What actions would you take, if you observe the following problems in a mechanized shoe manufacturing process : $4 \times 2 \frac{1}{2} = 10$

- (a) Wrinkle in the toe above the feather edge
 - (b) Insole bending after lasting
 - (c) Change in the finish of upper after heat setting
 - (d) Adhesion failure of the outsole
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