

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

**Term-End Examination**

00171

**June, 2017**

**MFW-036 : LASTING**

*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. Explain with examples, how abrasives are used in shoe making. 10
  
2. Write down the definitions of the following : 5×2=10
  - (a) Construction
  - (b) Lasting
  - (c) Rib Lasting
  - (d) Pounding
  - (e) Force Lasting

3. Write down the uses of the following : 5×2=10
- (a) Top thermal unit
  - (b) Distilled water
  - (c) Wiper plate
  - (d) Chiller
  - (e) Heel crowning
4. What do you mean by the term “construction” in footwear ? Give examples of three constructions and name the intermediate components in the constructions. 10
5. What is lasting ? What are the different lasting down methods ? Explain with the help of a labelled diagram. 10
6. Write down definitions of the following : 5×2=10
- (a) String Lasting
  - (b) Lasting Margin
  - (c) Heel Nailing
  - (d) Last
  - (e) Lasting Up

7. Give reasons for the following :

$$4 \times 2 \frac{1}{2} = 10$$

- (a) Seat part damaged during seat lasting
- (b) Upper stretching too much during toe lasting
- (c) Upper cracking at toe lasting
- (d) Sole opening at feather edge

8. In the lasting of toe cap Oxford shoes, more than 50% of shoes got torn from the toe cap stitching. State the reasons. In this regard, what corrective measures would you suggest in the cutting, closing and lasting departments ?

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9. While doing toe lasting, the upper gets damaged or the insole gets bent. Give reasons for both. How would you rectify it ?

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