

**M.Sc. FOOTWEAR DESIGN AND PRODUCTION
(MSCFDP)**

Term-End Examination

00383

December, 2016

MFR-009 : FOOTWEAR LASTING & MAKING

Time : 3 hours

Maximum Marks : 70

Note : *Section A is compulsory. Attempt any five questions from Section B and any one question from Section C. All questions carry equal marks.*

SECTION A

1. Explain the following :

15×1=15

- (a) Lasting
- (b) Direct Attachment
- (c) Last
- (d) Tack/Nail
- (e) Staples
- (f) Toe-Puff
- (g) Counter Stiffener
- (h) Drafting

- (i) Upper Preparation
- (j) Scouring
- (k) Sole Marking
- (l) Pounding
- (m) Roughing
- (n) Sole Cleaning
- (o) Polyurethane

SECTION B

Answer any five questions. Each question carries equal marks.

5×7=35

2. Write the different ways of attaching the insole.
3. Classify the lasts based on the hinges.
4. Classify different types of lasts based on the plates attached to the lasts.
5. What is the thickness range of the toe-puff and counter-stiffeners for gents footwear ?
6. Where is buttress nail used ? Draw a diagram of the buttress nail. In which type of heels is screw used ?
7. Draw a diagram showing the different pulls.
8. What is the purpose of roughing and scouring ? Explain.
9. What are the different operations included in upper preparation ?

SECTION C

*Answer any **one** question.*

1×20=20

10. Write down the sequence of operations used by hand lasting for stuck-on/cemented lasted construction.
 11. Write down the drafting operations with details of check-points and location of each drafting pull.
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