

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

Term-End Examination

June, 2011

MFW-044 : FOOTWEAR TECHNOLOGY - II

Time : 3 hours

Maximum Marks : 70

Note : There are three Sections ; Section A and Section B are Compulsory. Answer any three questions from Section C

SECTION - A

10x1=10

1. Give one word for the following :
- (a) 12 basic pulls given prior to lasting is called...
 - (b) Write the length of Tacks used for back part lasting.
 - (c) Name the type of toe puff used in safety shoes.
 - (d) True Moccasin is an example for which method of lasting.
 - (e) Name the material generally used as midsole in sport shoe.
 - (f) Name the staple used to attach insole with the last.
 - (g) Full form of DMS is.
 - (h) Name a major problem due to un- moulded insole.
 - (i) The machine which helps the leather to retain the shape of the last is named as.
 - (j) How much gap is provided while lacing a derby, upper prior to lasting.

SECTION - B

Short Answer Type

5x6=30

2. Name the different methods of lasting with relevant examples.
3. Explain the positions of the 12 drafting pulls with the help of a diagram.
4. Name ten tools used in lasting department.
5. Define stuck on construction with the help of a diagram.
6. Write down the odd one out :
 - (a) (i) TPR (ii) PVC
(iii) Leather (iv) Texon board
 - (b) (i) California (ii) Strobel
(iii) Last (iv) Stitched down
 - (c) (i) Mulling (ii) Neoprene
(iii) Polyurethane (iv) Latex
 - (d) (i) Pincer (ii) Tack- puller
(iii) Brush (iv) Sole
 - (e) (i) Sole press (ii) Crowning
(iii) Pounding (iv) Drafting pulls.

SECTION - C

Long Answer Type :

Attempt *any three* of the following :

7. Explain stitch down construction with its variations. 10
 8. Write down the sequence of operations for casting a oxford upper with TPR sole. 10
 9. What is the purpose of heat setting machine ? Also give a brief overview about different types of heat setters. 10
 10. Give reasons for : 5x2=10
 - (a) Outside is pulled 2-3 mm below than inside in lasting.
 - (b) Roughing is done on leather upper.
 - (c) 8 mm tacks are used for seat lasting.
 - (d) Heat setting done immediately after lasting.
 - (e) Filler is used in bottom before attaching the sole.
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