

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

Term-End Examination

December, 2015

**MFW-027 : INTRODUCTION TO
MANUFACTURING TECHNIQUE**

Time : 3 hours

Maximum Marks : 70

Note : All questions are compulsory.

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1. Define last and give its types. 2
2. Explain the following terms : 3×3=9
- (a) Trimming Margin
- (b) Scoop Last
- (c) Mean Forme
3. Describe U.K. sizing systems and its fittings. 4
4. Explain the following in brief : 4×2=8
- (a) Why does P.P. board require smooth surface during machine cutting ?
- (b) Difference between Nubuck leather and Suede leather
- (c) How can a clicker use offal area during Derby shoe cutting ?
- (d) Underlay allowance, Lasting allowance and Folding allowance

5. Write down the names of tools required for hand cutting and their uses.
6. Why are synthetic materials cut in layers while leather materials are not cut in layers ?
7. Show different types of hand cutting blades with diagrams and explain their applications.
8. Write down the safety precautions while working on a stitching machine in the Closing department.
9. Give the names and also explain the classification of stitching machines.
10. Explain the following in brief :
 - (a) Feed Dog
 - (b) Shank
 - (c) Shaft
 - (d) Scarf
 - (e) Head Groove
11. Write the procedure for selection of shank length for a particular last.
12. How will you set travelling head cutting press machine for a particular die ?
13. What is continental insole ? Write the sequence of operation for making continental insole.