

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

**Term-End Examination**

**December, 2012**

**MFW-029 : ADVANCED MANUFACTURING  
TECHNIQUE**

*Time : 3 hours*

*Maximum Marks : 70*

*Note : Attempt any seven questions. All questions carry equal marks.*

1. Describe the working of foot measuring devices in detail. **10**
2. In relation to slip on. What will be the total length (mm) and width (mm) of the french binding pattern to be stitched by post bed machine ? **10**
  - (a) Half length of strip is 155 mm.
  - (b) Visible width of strip is 06 mm. Give reasons for the same.
3. Explain in brief : **5x2=10**
  - (a) What is third waste in RSM ?
  - (b) Explain selected grade method of leather grading.
  - (c) What is mean by cuttability coefficient ?
  - (d) What is area discrepancy coefficient ?
  - (e) What do you understand by base put up in SLM ?

4. A shoe factory has purchased 10,000 sq.ft. TR leather @ 70 Rs/sq.ft. After regarding of leather quantity of A, B, C, grade found respectively 2000, 3000, and 4250 sq.ft. Calculate the Profit / Loss during purchasing. Also calculate overall area discrepancy (%) in the purchased leather lot. 10
5. Explain different types of adhesives use in stitching department. 10
6. Explain Paris binding and Collar binding. 10
7. What is welted leather sole ? Write the sequence of operation for making welted leather unit sole. 10
8. A buyer gives a sample of RIBBED INSOLE to the factory. Write the process in sequence how you will start production in the factory. 10
9. Draw the cross sectional diagram of following construction : 5x2=10
- (a) Sancripino
  - (b) Moccassin
  - (c) California
  - (d) Good year welted
  - (e) Veldcheon.
10. How do you process the following soling material while attaching with the leather ? 2x5=10
- (a) T.P.R
  - (b) E.V.A
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