

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

Term-End Examination

00300

December, 2017

MFW-041 : FOOTWEAR TECHNOLOGY - I

Time : 3 hours

Maximum Marks : 70

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

1. Answer the following questions : *5×2=10*
- (a) What is the use of size notches ? What will be the notch on the die of size 10 ?
 - (b) Draw a diagram of any animal hide and show different quality regions and line of tightness.
 - (c) What are the advantages of sorting in case of goat suede leather ?
 - (d) Why can leather not be cut in layers whereas synthetic materials can be cut in layers ?
 - (e) What are the various anti-mortem defects found in leather ?

2. (a) Write the step-by-step procedure for calculating scale area through 180° method.
- (b) How do we store leather ? Discuss the controlling parameters. 5+5
3. (a) Draw a diagram of a clicking press and show various parts of the clicking press.
- (b) Write ten quality parameters for checking upper leather. 5+5
4. (a) Explain the properties of leather as a shoe material.
- (b) Explain about needle thickness. 5+5
5. (a) Define Hook. Explain its parts and their functions.
- (b) Write down five properties of synthetic thread. 5+5
6. (a) What is the use of a grading tool ? Explain the steps followed by a leather grader during the area measurement of a goat skin (25 sq. dm).
- (b) Discuss the advantages and disadvantages of machine cutting. 5+5

7. (a) Write down different types of clicking knives and their uses.
- (b) Using a diagram, explain the sequence of operations for hand turnover binding. 5+5
8. (a) What are the advantages of making layouts ? Write five points to be kept in mind while making a layout of full grain leather of any animal.
- (b) Name the different types of finishes in needles. Explain four cutting edges points in brief. 5+5
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