

00211

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

Term-End Examination

December, 2012

MFW-041 : FOOTWEAR TECHNOLOGY - I

Time : 3 hours

Maximum Marks : 70

Note : Attempt all questions.

1. Fill in the Blanks :

- (a) Nubuck is _____ grain leather. **5x1=5**
- (b) In scale area of component _____ wastage is included.
- (c) In offal area we can take lasting margin of _____.
- (d) Flay cut will appear on the _____ side of the skin.
- (e) Leather should be kept at _____ R.H. Level.

2. Explain Briefly the following questions : **5x2=10**

- (a) Why should the topline must be stronger ?
- (b) Why is the inside quarter taken up from the lower quality area of leather than the outside quarter ?

- (c) What is the difference between corrected grain leather and full grain leather ?
- (d) What is purchase cast variance ?
- (e) What are the advantages of making layouts ?
3. Write step - by - step procedure for calculating scale area through 0° method of RSM. 4
4. Explain the procedure of calculating material allowance of synthetic material by tracing method. 4
5. Describe the various purpose of leather grading. Explain leather grading with reference to design. 4
6. What are the advantages of making layouts ? Write five points to be kept in mind while making layout of low Full Grain leather. 4
7. (a) Calculate the new consumption of a synthetic material if the earlier consumption was 0.1032.sq. mtr. for 54 inch width of material. The new material has 48 inch width. The material is in continuous roll. 4
- (b) For article X, the norm is 2.2.sq.ft. on size 41 for grade - 2. The leather received in the company has the grade 3. Calculate the variation in the norm.

8. Long Answer Questions :
- (a) Write Sequence of operation for hand turnover binding with diagram. 5
 - (b) Define Hook and Explain its various parts and functions too. 5
 - (c) Write down five points for properties of synthetic threads. 5
 - (d) Explain different types of THREADS used for upper making. 5
9. Short Answer Question :
- (a) Write down any five Quality Specifications of upper making. 5
 - (b) Name two classification of Hooks in securing M/C. 2
 - (c) Name types of finishes in needle. 2
 - (d) Name three types of Feed roller in skiving machine. 3
 - (e) Name any two cutting edges points. 3
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