

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

**Term-End Examination**

**June, 2011**

60000

**MFW-041 : FOOTWEAR TECHNOLOGY - I**

*Time : 3 hours*

*Maximum Marks : 70*

**Note :** *Section - A is compulsory.*

*Five questions from Section - B and Two questions from  
Section - C.*

**PART - A : CUTTING**

**SECTION - A**

1. State whether the following assertions are true or false :- **5x1=5**
- (a) During cutting line of tightness of component should be perpendicular to line of stretch.
  - (b) Style A has 3 components per odd and Style B has 7 components per odd, 2<sup>nd</sup> wastage will be more in Style B.
  - (c) Nubuck is corrected grain leather.
  - (d) In gross area of component 1<sup>st</sup> and 2<sup>nd</sup> wastage is included.
  - (e) In offal area we can take lasting margin of vamp.

**SECTION - B**  
**(Attempt any five)**

2. Explain Briefly :- **5x2=10**
- (a) What are dies ? Write their types and uses.
  - (b) Draw a hide and show of Different Quality region and their name.
  - (c) What are the advantages of making layouts ?
  - (d) What is a discrepancy ?
  - (e) How will you check color fastness test in leather ?
  - (f) What are the various defects found on finished leather ?
  - (g) Define the table run method of grading.

## SECTION - C

(Attempt *any two*)

2x10=20

3. Write step by step procedure for calculating scale area through  $0^\circ$  method of RSM.
4. Explain the procedure of calculating material allowance of synthetic material by tracing method.
5. Explain the purpose of leather grading. Explain the grading with reference to design.
6. What are the defects found in leather ? Briefly explain.

## PART - B : CLOSING

7. State whether the following statement is *True or False*. 6x1=6
- (a) We should use metal feed roller for patten leather.
  - (b) For hollow folding skive 0.1 mm roll over allowance is given.
  - (c) French seam is also called a silked seam.
  - (d) We use a twist thread in closing department.
  - (e) In zig-zag machine 134 KK system is used.
  - (f) In closing department polyamide adhesive is used for thermo folding.
8. What is the use of strobel machine. 5
9. Draw the diagram of lock stitch formation. 6
10. How can you differentiate between natural thread and man made thread ? 6
11. Write down Quality specifications of upper. 6
12. What is skiving ? What is the purpose of skiving ? Make a diagram of *any two* of the following skives : 6
- (a) Open raw edge
  - (b) Lapped seam Skive
  - (c) Hollow folding Skive
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