

**M.Sc. IN LEATHER GOODS AND  
ACCESSORIES DESIGN (MSCLGAD)**

**Term-End Examination**

**June, 2017**

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**MFW-056 : LEATHER CUTTING**

*Time : 3 hours*

*Maximum Marks : 70*

***Note : All the questions are compulsory.***

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1. Write True or False : 5

- (a) Growth marks are normally found in the neck area of the hide.
- (b) Grain is visible in Nubuck leather.
- (c) Leather store room temperature should be 25 to 30 degrees Centigrade.
- (d) 3% wastage is found in 'B' grade leather.
- (e) Four fold test is done to check the strength of the leather.

2. Write down five safety points for Leather Cutting Operator. 5
3. Draw a Hide and show the various quality parts with name and numbers. 5
4. Explain the different properties of leather. Also, explain five different leathers on their origin-basis, which are commonly used for leather products making. 5
5. What is leather grading ? Write down ten defects found in leather. 5
6. Calculate the cut value area available in a 10,000 sq.ft. leather lot if the average skin in the lot has 12% defective area and 6% area discrepancy. 5
7. Differentiate between the following : 10
  - (a) Cow grain and Buff grain
  - (b) Full grain leather and Corrected grain leather
  - (c) Split leather and Suede leather
  - (d) Leather grading and Leather sorting
  - (e) Pox mark and Wound mark

8. Write the approx. size (sq.ft.), thickness (mm), grain structure and utilisation for the following leathers : 10

- (a) Cattle hide (Cow and Buff)
- (b) One year old calf
- (c) Wool sheep
- (d) Goat

9. Explain the different random tests that are required during the selection of good quality of leather. 10

**OR**

Briefly explain the following :

- (a) Leather Structure
- (b) Side/Skin/Kip

10. A leather goods factory places the order to arrange 40,000 sq.ft. Cow F/G nappa TR leather (Table-Run where A, B, C, D, E grades are considered). When the first consignment of 10,000 sq.ft. leather is received, the following results are observed : 10

<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>
800 sq.ft.	1600 sq.ft.	2000 sq.ft.	2200 sq.ft.
<u>E</u>	<u>Reject</u>		
2600 sq.ft.	400 sq.ft.		

Answer any **one** of the following :

- (a) Calculate how much extra leather quantity should be further ordered to fulfill the need of 40,000 sq.ft. TR leather if it is considered the rest of the supply will have the same assortment.
- (b) Calculate 'purchasing-loss' in the first supply of 10,000 sq.ft. (If the leather price is ₹ 100/sq.ft.).
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