

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

00164 **Term-End Examination**

June, 2014

MFW-056 : LEATHER CUTTING

Time : 3 hours

Maximum Marks : 70

Note : *All questions are compulsory. Use of scientific calculator is permitted.*

1. State whether the following statements are *True* or *False*. *1×5=5*
- (a) Shoulder is the best quality part of the Hide.
 - (b) Leather can breathe because its fibrous structure permits a steady movement of air and water vapour.
 - (c) Nubuck is corrected Grain Leather.
 - (d) Offal Area of Leather can be used for cutting bottom patterns of the Bag.
 - (e) Butt is the best quality part of Hide.
2. Draw a diagram showing Line of Tightness and Line of Stretchiness on a Hide. *5*

3. Write down the importance of Leather Cutting Department. 5
4. What is Leather Grading ? And also explain the purposes of Leather Grading. 5
5. Write down five safety points regarding the Leather cutting operator. 5
6. What are skin defects ? Write down five defects found in the Finish Leather. 5
7. Explain different random tests that are required during selection of good quality of Leather. 10
8. Write the approx. size (sq.ft), thickness (mm), grain structure and utilization for the following Leathers : 10
 - (a) Cattle Hide (Cow and Buff)
 - (b) Calf one-year-old
 - (c) Wool Sheep
 - (d) Goat
9. Calculate cuttable area available in 20,000 sq.ft. Leather Lot if average skin in the lot has 12% defective area and 8% area discrepancy. 10

10. A Leather Goods Factory places the order to arrange 50,000 sq.ft. Leather, where A, B, C, D and E grades are considered. When the first consignment of 10,000 sq.ft. Leather is received the following result is observed :

A	B	C	D	E	Reject
1200 sq.ft	1600 sq.ft	2000 sq.ft	2200 sq.ft	2600 sq.ft	400 sq.ft

Now answer the following :

Calculate how much extra leather quantity should be further ordered to fulfil the need of 50,000 sq.ft. Leather if it is considered that the rest of the supply will have the same assortment. 10
