

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

Term-End Examination

00186

June, 2015

MFW-056 : LEATHER CUTTING

Time : 3 hours

Maximum Marks : 70

Note : Answer *seven* questions in all. Question No. 1 is *compulsory*. All questions carry equal marks.

1. State whether the following statements are *True* or *False* : *10×1=10*
- (a) There are two main methods of tanning leather used today.
 - (b) VT leather is sold by square decimetre.
 - (c) From the earliest days of civilization, leather has played a key role in Man's progress towards a better life.
 - (d) Cattle hides are divided into different sections for different uses.
 - (e) Leather has poor thermal conductivity.

- (f) Leather store room temperature should be 25 to 30 degrees Centigrade.
 - (g) Leather can breathe because its fibrous structure permits a steady movement of air and water vapour.
 - (h) Chrome tanning of leather is a slow process.
 - (i) Fabrics and other man-made materials are being used more in leather products making.
 - (j) 5% wastage is found in "A" Grade leather.
2. (a) What will happen, if the front panel of Back is cut from the Offal Area ?
- (b) Mention the types of animals whose leather and hides are commonly used in making leather goods product. $2 \times 5 = 10$
3. (a) Describe leather structure.
- (b) Calculate the suitable area available in a 30,000 sq. ft. lot, if average skin in the lot has 15% defective area and 10% area discrepancy. $2 \times 5 = 10$
4. Briefly explain the following : $5 \times 2 = 10$
- (a) Burnish Leather
 - (b) Patent Leather
 - (c) Nubuck Leather
 - (d) Suede Leather
 - (e) Oil pull-up Leather

5. What important parameters will you keep in mind for leather storage in your factory? 10
6. Why is First Aid Box required in the workshop? What are the contents in the first aid box? 10
7. Why is sorting necessary in Goat leather? What things will you check during the sorting of Goat leather? 10
8. Write the approximate Size (sq. ft.), Thickness (mm), Grain Structure and Utilization for the following leathers : $4 \times 2 \frac{1}{2} = 10$
- (a) Cattle Hide (Cow and Buff)
 - (b) Goat
 - (c) Calf 1-year-old
 - (d) Wool Sheep
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