

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

Term-End Examination

June, 2013

MFW-055 : LEATHER TECHNOLOGY - I

Time : 3 hours

Maximum Marks : 70

Note : All questions are compulsory.

1. What are Retaining Agents used for making Leather ? Explain. 5
2. With the help of a diagram, explain in brief the primary structure of proteins. 5
3. What are Controlling Parameters for avoiding shade variation in case of Light Colour Leathers ? 5
4. Describe 5 types of Tanning used in Leather Tannery. 5
5. What is the significance of liming operation ? Why bating is carried out for upper Leather ? 5

6. Write down the sequence of operation for making Vegetable Tanned Leather. 5
7. Differentiate between Chrome Tanning and Vegetable Tanning. 10
8. Draw a Anatomical Structure of Hides/Sides with the help of diagram. 10
9. Briefly explain the following : 5x2=10
- (a) Sammying
 - (b) splitting
 - (c) Shaving
 - (d) Washing
 - (e) Neutralization
10. Describe in brief the characteristics of following Leathers : 4x2½=10
- (a) Patent leather
 - (b) Burnish leather
 - (c) Nubuck leather
 - (d) Oil pull - up leather
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