

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

Term-End Examination

December, 2016

MFW-055 : LEATHER TECHNOLOGY - I

Time : 3 hours

Maximum Marks : 70

Note : All the questions are compulsory.

1. What are the controlling parameters for avoiding shade variation in case of light colour leathers ? 5
2. What is the significance of liming operation ? Why is bating carried out for upper leathers ? 5
3. What are the retaining agents used for making leather ? Explain. 5
4. Write down the sequence of operations for making chrome tanned leather. 5
5. Draw a diagram and write a short note on primary structure of proteins. 5

6. Write down five types of tanning which are used in leather tannery. Also explain Oil tanning. 5
7. Differentiate between Chrome tanning and Vegetable tanning. 10
8. Write down brief notes on the characteristics of the following finished leathers : 10
- (a) Burnish leather
 - (b) Patent leather
 - (c) Nubuck leather
 - (d) Oil pull-up leather
 - (e) Glazed finished leather
9. Draw the anatomical structure of Hides/Sides with the help of a diagram. 10
10. Briefly explain the following : 10
- (a) Sammying
 - (b) Splitting
 - (c) Shaving
 - (d) Washing
 - (e) Neutralization
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