

**M.Sc. IN LEATHER GOODS AND  
ACCESSORIES DESIGN (MSCLGAD)****Term-End Examination****December, 2015****MFW-055 : LEATHER TECHNOLOGY - I***Time : 3 hours**Maximum Marks : 70*

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**Note :** Answer any *seven* questions. All questions carry equal marks.

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1. Explain Toggle Drying with the help of a diagram. 10
2. Differentiate between the following : 10
  - (a) Chrome Tanning
  - (b) Vegetable Tanning
3. Describe the anatomical structure of hides/skins with the help of diagrams. 10
4. What is the significance of liming operation ?  
Why is bating carried out for upper leather ? 10

5. Briefly explain the following : *2×5=10*
- (a) Buffing
  - (b) Snuffing
6. Differentiate between the following : *2×5=10*
- (a) Chrome re-tan and Semi re-tan
  - (b) Pickling and Bating
7. List out the retaining agents used for making chrome tanned leather. *10*
8. (a) Write down the names of five types of oils/fats commonly used for making fat liquors.
- (b) Enumerate the five types of tanning which are used in leather tannery. Explain combination tanning with the help of a suitable example. *2×5=10*
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