

**M.Sc. IN LEATHER GOODS AND  
ACCESSORIES DESIGN (MSCLGAD)****Term-End Examination****June, 2011**

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**MFW-055 : LEATHER TECHNOLOGY - I***Time : 3 hours**Maximum Marks : 70***Note : All questions are compulsory.**

1. What are the controlling Parameters for avoiding shade variation in case of light colour leather ? 5
2. What is the significance of liming operation ? Why Bating is carried out for upper leathers ? 5
3. What Retaining Agents are used for making leather ? Explain. 5
4. Write down sequence of operation for making Chrome Tanned Leather. 5
5. Draw a diagram and briefly explain primary structure of proteins. 5
6. Write down five types of Tanning used in leather Tannery ? Explain Oil Tanning. 5

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7. Differentiate Between :
- (a) Chrome Tanning and Vegetable Tanning
  - (b) liming and deliming.
8. Write down brief notes on the characteristics of following finished Leather.
- (a) Burnish Leather.
  - (b) Patent Leather.
  - (c) Nu buck Leather.
  - (d) Oil Pull - up Leather.
  - (e) Glazed finished Leather.
9. Draw an Anatomical Structure of Hides/Sides with the help of diagram. 10
10. Briefly explain : 10
- (a) Sammying
  - (b) Splitting
  - (c) Shaving
  - (d) Washing
  - (e) Neutralization
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