

**M.Sc. FOOTWEAR TECHNOLOGY  
(MSCFWT)**

**Term-End Examination**

**December, 2013**

**MFW-025 : PRODUCT KNOWLEDGE / MATERIAL  
FOUNDATION**

*Time : 3 hours*

*Maximum Marks : 70*

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*Note : All questions are compulsory. Marks distribution is written in front of every question.*

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**SECTION - A**

1. Define the following terms : 1.5x5=7.5
  - (a) Bottoming
  - (b) Heel crowning
  - (c) Heat setting
  - (d) Toe mulling
  - (e) Priming
  
2. Draw the diagram of drafting pulls. 3.5
  
3. Write down different quality points for upper making. 8
  
4. Explain classification of machines. 4

## SECTION - B

5. State whether the following assertions are **True or False** : **1x5=5**
- (a) Burnish leather is glossy leather.
  - (b) Oil pull up is two - tone effect leather.
  - (c) Burnish is wax-finish leather.
  - (d) Aniline finish leather is pigment finish leather.
  - (e) Colour bleed can be stopped by application of filler.
6. Define following components : **1x5=5**
- (a) Welt
  - (b) Midsole
  - (c) Heel
  - (d) Toe-puff
  - (e) Counter stiffner
7. Define leather and write its characteristics. **3**
8. Give five characteristics of aniline finish leather. **3**
9. What are the ideal properties for soling materials ? **5**

## SECTION - C

10. State whether the following assertions are True or False : 1x5=5
- (a) Poromeric materials are non-porous.
  - (b) Chrome tanning is a rapid process.
  - (c) Leather has got poor water resistance.
  - (d) Belly is the best part of leather.
  - (e) P.V.C is sometimes known as vinyl.
11. Define following terms : 2x3=6
- (a) Under lay margin
  - (b) Trimming margin
  - (c) Seam margin
12. Why leather is superior over synthetics, as a shoe material ? 5
13. Draw a buff hide and show different quality regions with name. 5
14. Differentiate among oxford, Derby and Slip on shoe. 5
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