

**M.Sc. IN CREATIVE DESIGN CAD/CAM  
(MSCCRD)**

**Term-End Examination**

**June, 2013**

**MFW-044 : FOOTWEAR TECHNOLOGY - II**

*Time : 3 Hours*

*Maximum Marks : 70*

*Note : Attempt any ten questions. Each questions carry equal marks.*

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1. Define the following terms : 2x3.5=7
    - (a) Insole
    - (b) Toepuff / counter
  
  2. State different types of insole and the sequence of operation for making continental insole. 7
  
  3. Mention the four different materials used for manufacturing soles and also describe the ideal qualities of soling material. 7
  
  4. Explain the following operations and their needs : 7
    - (a) Riveting
    - (b) Stamping
  
  5. Explain with the help of a diagram the various quality regions of vegetable tanned leather. 7

6. What are the quality check points for making insole ? 7
7. Write down the sequence of operation of flat lasted construction (machine lasting) with diagram. 7
8. What types of adhesives are generally used in the lasting department ? Explain their merits and demerits. 7
9. (a) What are direct and indirect constructions ?  $3+2+2=7$   
 (b) Which construction use indirect type of lasting ?  
 (c) Name the intermediate components in them.
10. (a) What are the different link's of adhesion ? 7  
 (b) State the reasons of weaknesses of each link's.
11. What is the purpose of the following :  $2 \times 3.5 = 7$   
 (a) Hot mould in counter moulding machine.  
 (b) Injector in Toe lasting machine.
12. Draw a labelled diagram of drafting pulls and explain them. 7