

00605

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

Term-End Examination

June, 2012

MFW-044 : FOOTWEAR TECHNOLOGY - II

Time : 3 Hours

Maximum Marks : 70

Note : Attempt all questions.

1. What are the links of adhesion ? Explain the reason of failures of these links. **10**
2. What are the reasons for getting wrinkles in the TOE area while doing TOE-lasting ? How can this be rectified ? **10**
3. Write down the SEQUENCE of operations for hand lasting of Leather Upper and PU SOLE. **10**
4. Draw a labelled diagram of the following with short description about the manufacturing process of the same. **5x2=10**
 - (a) Forced lasted Moccasin
 - (b) San Crispino
5. What are the different types of insole ? Also write the name of the machines involved in manufacturing insole. **6**

6. Define the following terms : 6x1=6
- (a) Sole
 - (b) Insole
 - (c) Steel Shank
 - (d) Heel
 - (e) Toe-Puff
 - (f) COUNTER Stiffner
7. (a) Write the name of three different companies manufacturing Insole board and shank board each. 2x3=6
- (b) Write the dimensions (LxBxH) of Insole board, shank board and steel shank.
8. Write the four different materials used for manufacturing soles. Also write the ideal qualities for soling material. 6
9. What are the following operations and what is the need of doing them ? 3x2=6
- (a) Moulding
 - (b) Grooving
 - (c) Bevelling
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