

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

00441

Term-End Examination

June, 2014

MFW-044 : FOOTWEAR TECHNOLOGY - II

Time : 3 hours

Maximum Marks : 70

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

1. Name three different companies each for manufacturing Insole board, Shank board and Solvent based counter stiffener board. 7
2. Write the dimensions [L* B* H*] of Cellulose board, Shank board and Steel shank. 7
3. What are the different types of Insole ? Write down the sequence of operation for making Continental insole. 7
4. Write five different materials used for manufacturing soles. Describe the ideal qualities for soling material. 7

5. Define the following terms : 7
- (a) Sole
 - (b) Insole
 - (c) Steel shank
 - (d) Heel
 - (e) Roughing
 - (f) Scouring
 - (g) Pounding
6. Explain the procedure for selection of shank length for a particular last along with job card. 7
7. How will you set travelling head cutting press machine for a particular die ? Explain in detail. 7
8. What are direct and indirect construction ? Which construction uses the indirect type of lasting ? Name the intermediate components in them. 7
9. What types of adhesives would you use to attach a P.U. coated synthetic on top of the P.U. sole ? Explain the process involved in the attachment. 7
10. In a factory, where you are the Lasting In-charge, the soles are opening up. The sole is of T.P.R. and upper material is of leather. Give step-by-step procedure to tackle this problem. 7

11. Why is sole preparation done before adhesive application ? Explain the preparation of the following soles : 7
- (a) Crepe Rubber
 - (b) EVA
12. Enumerate the safety rules as followed in the Lasting department. 7
13. Explain in detail the basic elements of footwear inspection. 7
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