

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

Term-End Examination

00165

December, 2014

MFW-036 : LASTING

Time : 3 hours

Maximum Marks : 70

Note :

- (i) *Attempt any **seven** questions.*
- (ii) *All questions carry equal marks.*
- (iii) *Standard notations and symbols have usual meaning.*

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1. What are the advantages and disadvantages of injection moulding ? Elaborate. 10
 2. What are the causes and remedies of the faults arising of the roughing and scouring operations ? 10
 3. What is heat setting ? Give specification of the basic parameters (Temperature, Time and Steam Requirement) of heat setting for the following upper materials : 2×5=10
 - (a) PVC Coated Fabric
 - (b) Full Chrome Leather

4. What is the purpose of using solvent while attaching toe-puff and counter-stiffener ? Write at least three solvents used for this purpose. 10
 5. Draw the outline of an insole showing the locations and directions of drafting pulls. 10
 6. What do you understand by the term “Quality Check Points” ? Write down ten of them in a complete stuck-on shoe with goat leather upper and PVC soles. 10
 7. Describe point-by-point, the sequence of operations for the stuck-on construction in full shoe making by using hand lasting method. 10
 8. What is implied with grit in an abrasive ? Describe. Write down the grits used for the following applications : 10
 - (a) Scouring of lasted margin
 - (b) Repairing of grain
 9. What are the methods adopted in the shoe industry for attaching insole to the last ? Define, in short, at least four of them and state their advantages. 10
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