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MFR-003

**M.Sc. FOOTWEAR DESIGN AND PRODUCTION
(MSCFDP)**

Term-End Examination

00760

December, 2017

**MFR-003 : INTRODUCTION TO FOOTWEAR
MANUFACTURING**

Time : 3 hours

Maximum Marks : 70

Note :

- (i) *Attempt any seven questions.*
(ii) *All questions carry equal marks.*

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1. Name four basic styles of footwear. Explain any two styles with diagrams. 10
2. Define the following terms : (Any five) 5×2=10
- (a) Oxford Shoes
(b) Ball Point
(c) Ossification
(d) Model Last
(e) Eyelet
(f) Feather Edge

3. (a) Why is proper light required during leather cutting in a shoe industry ?
- (b) How can you achieve better quality cut components during machine cutting ? 5+5
4. (a) What are the advantages of Double Edge Clicking Dies in the shoe industry ?
- (b) Differentiate between Buffing and Snuffing. 5+5
5. (a) Explain different types of Hand Cutting Blades applicable for the shoe industry.
- (b) Write down any five parts and functions of the Swing Arm Clicking Machine. 5+5
6. (a) If you are appointed as a cutting supervisor, what steps will you take in your shoe factory, once you receive a newly made cutting die set for a bulk order ?
- (b) What is the purpose of layout making in the cutting room ? What important points should be followed during making of a layout on Corrected Grain leather by using Derby shoe components ? 5+5
7. Explain the different methods to size a thread. Explain the process of thread construction and calculate the thread consumption for making one pair of shoes in case of Lockstitch used in the complete upper. 10

8. (a) How can we classify Needles ? Explain different types of needle systems with diagrams.
- (b) Write the five major faults, causes and corrections of cutting insoles from a travelling head cutting press machine. 5+5
9. What different things do you ask from a customer occupying order for manufacturing of insoles ? 10
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