

B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)

Term-End Examination

June, 2015

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**BFW-046 : ADVANCED MANUFACTURING
TECHNIQUE**

Time : 3 hours

Maximum Marks : 70

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

1. Describe the sequence of operations for flat lasted cemented construction with neat diagrams. 14

2. (a) Write down the five different materials used for manufacturing soles. Also mention the ideal qualities for soling material. 7

- (b) What are the different quality regions of vegetable tanned leather ? How can you cut the component from different regions of V.T. leather ? 7

3. Draw the cross-sectional labelled diagrams of a full shoe for the following types of constructions : $4 \times 3 \frac{1}{2} = 14$
- (a) Struck on construction
 - (b) Direct Injection Process (DIP) stitch down
 - (c) Moccasin
 - (d) Welteed construction
4. Explain the sequence of operations for Derby Upper, with its quality specifications. 14
5. (a) Explain the five different types of closed seam. 7
- (b) Describe two methods of thread ticket. 7
6. (a) Discuss about the colour mixing and their relevance in repairing the shoe finish. 7
- (b) Write down the properties of cotton threads. 7
7. (a) How are the different types of defects utilized while cutting full grain leather ? 7
- (b) Discuss about the upper leather faults and their impact and rectification in finishing. 7
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