

B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)

Term-End Examination

December, 2016

00013

**BFW-035 : PRODUCT KNOWLEDGE / MATERIAL
FOUNDATION**

Time : 3 hours

Maximum Marks : 70

Note : Attempt any seven questions. All questions carry equal marks.

1. Explain Direct construction and Indirect construction with the help of suitable examples. 10
2. (a) What is reinforcement ? Explain. 5
(b) Explain thread construction with the help of a diagram. 5
3. Draw a diagram of Drafting Pulls. 10
4. Explain French sizing system in detail. 10
5. (a) Why is leather superior over synthetics as a shoe material ? Discuss. 5
(b) Define finishing operation in shoe making. 5
6. (a) Name different types of tools used in a Closing department. 5
(b) Define Toe puff and Counter stiffener. 5

7. Define the following : 5×2=10
- (a) Lasting
 - (b) Scouring
 - (c) Roughing
 - (d) Carbon paper test
 - (e) Halogenations
8. (a) Differentiate between the following : $2 \times 2 \frac{1}{2} = 5$
- (i) Derby and Oxford
 - (ii) French and English sizing system
- (b) Write five characteristics of online finish leather. 5
9. (a) What do you understand by the word “component” ? Name all the bottom components which are required to manufacture a full length shoe. 5
- (b) What is shank ? Why do we use shank in a shoe ? 5
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