

B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)

Term-End Examination

June, 2013

BFW-035 : PRODUCT KNOWLEDGE / MATERIAL FOUNDATION

Time : 3 hours

Maximum Marks : 70

Note : Attempt all questions.

1. State whether the following statements are **True or False.** **1x4=4**
 - (a) English size - scale begins with zero at four inches.
 - (b) The toe refers only to the fore most area of the shoe.
 - (c) A Welt is usually found on a ladies sandals.
 - (d) While fitting footwear, only one foot must be measured.

2. What is last ? Name different types of last. **2**

3. Differentiate the following : **2x2=4**
 - (a) Derby and Oxford
 - (b) French and English Sizing System

4. Name different types of grinders used for upper making. 5
5. Explain thread construction with the help of diagram. 5
6. What are the different types of leather used in footwear industries ? 5
7. Give five characteristics of online finish leather. 5
8. Explain the properties of leather as an upper material. 5
9. What are the different types of synthetic materials used as shoe upper ? 5
10. Draw outline of an Insole, showing the location and directions of drafting pulls. 5
11. What is sole ? Name different types of soling material used in footwear industries. 5
12. Define the following bottom component of a shoe : 1x5=5
 - (a) Bottom filling
 - (b) Heel
 - (c) Insole
 - (d) Welt
 - (e) Top Piece

13. Name and explain the uses of five types of ancillary machines in stitching department. 10

14. Define the following : 1x5=5

- (a) Lasting
 - (b) Scouring
 - (c) Roughing
 - (d) Carbon paper test
 - (e) Halogenations
-