

B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)**Term-End Examination****December, 2015****BFWE-012 : TESTING***Time : 3 hours**Maximum Marks : 70*

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

1. Explain the following terms : 5×2=10
 - (a) Ross flexing
 - (b) Lightfastness
 - (c) Hydrolysis
 - (d) Corrosion
 - (e) pH value

2. Describe in detail the hydrolysis in PU soling material. 10

3. Discuss at least five methods for soling material testing. 10

4. Explain the importance of Toe-cap used in safety footwear. 10

5. Explain briefly about the following testing in footwear : *2×5=10*
- (a) Importance of Slip resistance
 - (b) Importance of PVC migration
6. Write two important tests conducted on footwear regarding bonding. *10*
7. Write any five differences between Martindale and Sole abrasion. *10*
8. Differentiate between leather used for sports shoes and ordinary shoes. *10*
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