

B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)

Term-End Examination

December, 2014

00210

BFWE-019 : TESTING

Time : 3 hours

Maximum Marks : 70

*Note : Attempt **all** questions. All questions carry equal marks. Standard notations and symbols have usual meaning.*

1. Describe in detail the Resin Rubber and PVC Rubber Sole Testing. 10
2. Discuss precautions/safety measures used in Footwear Testing. 10
3. Describe the characteristics of PU sole with the help of suitable example. 10
4. Discuss the impact of total quality management on leather testing. 10
5. Define the following terms : 10
 - (a) SATRA TM – 137
 - (b) ISO – 11642
 - (c) ISO – 11640
 - (d) ISO – 11641

6. Calculate the tensile strength and elongation of a leather sample from the following data : 10

Load = 500 N

Width = 10 mm

Thickness = 2 mm

Initial length = 50 mm

Final length = 75 mm

7. Write short notes on the following : 10

(a) Shrinkage

(b) Split tear

(c) Sole tear

(d) Compression set
