B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)

Term-End Examination

December, 2012

BFWE-019 : TESTING

Time : 3 hours   *Maximum Marks : 70*

Note: *All questions are* **compulsory.** *All questions carry* **equal** *marks.*

1.   Define the following terms :   **10**

    (a)   ISO - 11640   (b)   ISO - 11641

    (c)   ISO - 11642   (d)   SATRATM-137

2.   Write short notes on the following :   **10**

    (a)   Split tear   (b)   Tensile strength

    (c)   Sole tear   (d)   Compression set

    (e)   Shrinkage

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

width - 10 mm	thickness - 2 mm,
initial length - 50 mm,	load - 400N
change in length - 25 mm	

4. What are important tests in lining material and Insock material ? Explain with the help of a suitable example.　　**10**

5. Define tests in upper :　　**10**

   (a) Bally flexing　　(b) Vamp flexing

   (c) Induced tear　　(d) Perspiration

   (e) Growth Crackness

6. What safety precautions are required at the time of leather testing ?　　**10**

7. Discuss the impact of total quality management on leather testing.　　**10**

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