

B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)

Term-End Examination

00181

December, 2017

BFWE-019 : TESTING

Time : 3 hours

Maximum Marks : 70

Note : Answer any **seven** questions. All questions carry equal marks.

1. Explain in brief about the antiskid property of different soling materials. 10
2. Discuss in brief, the tensile testing procedure of upper leather. 10
3. Explain in detail, the procedure of the Bennewart flexing test. 10
4. Describe the Taber abrasion test in detail with a neat sketch. 10
5. Name the machine tools required for leather testing. Explain any one in detail with a neat diagram. 10

6. Why is inspection required for the manufactured leather goods before dispatching them to the markets ? Discuss with some suitable examples. 10
7. Describe in detail, Resin rubber and PVC rubber sole testing. 10
8. Define the following terms : $4 \times 2 \frac{1}{2} = 10$
- (a) SATRA TM-137
 - (b) ISO-11642
 - (c) ISO-11640
 - (d) ISO-11641
9. Discuss the impact of total quality management on leather testing. 10
10. Write short notes on the following : $4 \times 2 \frac{1}{2} = 10$
- (a) Safety Footwear
 - (b) Occupational Footwear
 - (c) Water-proof Test
 - (d) Anti-static Test
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