

B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)

Term-End Examination

December, 2017

00321

BFWE-027 : TESTING

Time : 3 hours

Maximum Marks : 70

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

1. Explain the Tear Strength Testing Procedure in leather or lining material. 10
2. What are the different factors that affect the sole flexing property ? 10
3. Describe the four important tests in sports footwear in brief. 10
4. Explain different testing methods for shoe laces. 10
5. Describe any four important tests used for testing of soling materials. Write the formula for calculating sole abrasion. 10
6. Explain the following terms related to leather : 5+5=10
 - (a) Tongue Tear
 - (b) Bally Flexing

7. Explain Colour Perspiration and Colour Fastness in detail. 10
8. Define the following testing methods : $4 \times 2 \frac{1}{2} = 10$
- (a) SATRA TM – 161
 - (b) SATRA TM – 137
 - (c) ISO – 4649
 - (d) ISO – 34 – 1
9. Describe in brief, the five tests in occupational footwear. 10
10. Write short notes on the following : $4 \times 2 \frac{1}{2} = 10$
- (a) Split Leather
 - (b) Precautions taken for Leather Testing
 - (c) Veslic Rubbing Test
 - (d) Water Spotting
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