

B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)

Term-End Examination

00296

June, 2014

BFWE-027 : TESTING

Time : 3 hours

Maximum Marks : 70

*Note : Attempt **all** questions.*

1. Explain the following terms : *4×5=20*
 - (a) Insole Flexing
 - (b) Insole Breaking
 - (c) Insole Abrasion
 - (d) Insole Peel Strength

2. Calculate kinetic energy of a mass of 1 kg dropped from a height (h) = 1 m. Assume $g = 9.8 \text{ m/s}^2$. *15*

3. Explain testing methods for TPR sole and PU sole. *15*

4. Explain the following terms related to polyurethane : 10
- (a) Polyether sole
 - (b) Polyester sole
 - (c) Hydrolysis
 - (d) Tear Strength
5. Describe briefly about Halogenation process for bond preparation. 10
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