

**M.Sc. FOOTWEAR TECHNOLOGY
(MSCFWT)**

**Term-End Examination
December, 2015**

**MFW-029 : ADVANCED MANUFACTURING
TECHNIQUE**

Time : 3 hours

Maximum Marks : 70

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

1. Differentiate between the following : 2×5=10
 - (a) Scoop last and Thong last
 - (b) English and French sizing systems

2. (a) Why do we provide trimming margin in lining patterns ?

(b) Write down the sequence of operations to develop upper standard (starting from masking of last). 2×5=10

3. Differentiate between natural defects and man-made defects in leather. 10

4. Write the step-by-step procedure for calculating the scale area through 180° method of RSM. 10
 5. Write down the sequence of operations and quality checkpoints for leather Derby upper. 10
 6. Write down the sequence of operations and quality checkpoints for toe cap Oxford upper. 10
 7. What are the different types of leather unit soles ? Also write the names of the machines involved in manufacturing them. 10
 8. A buyer gives a sample of Skeleton Insole to the factory. Write the process in sequence to start production in the factory. 10
 9. What do you understand by the term 'Quality checkpoints' ? Write down ten of them in a complete stuck-on shoe with goat leather upper and PVC sole. 10
 10. Define the following : 5×2=10
 - (a) Construction
 - (b) Lasting
 - (c) Rib lasting
 - (d) Pounding
 - (e) Force lasting
-