M.Sc. FOOTWEAR TECHNOLOGY
(MSCFWT)

00105 **Term-End Examination**
December, 2014

MFW-029 : ADVANCE MANUFACTURING TECHNIQUE

Time : 3 hours   *Maximum Marks : 70*

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

1. What are the main basic styles of footwear ? Explain briefly.   7

2. Explain the following : $3\frac{1}{2} \times 2 = 7$

   (a) SAGA (SABOT)

   (b) Two main foot abnormalities

3. What is the procedure of calculating material allowance by RSM table method ?   7

4. Explain the procedure of calculating material allowance of synthetic material by graphical method.   7

5. Explain the various types of random tests for checking the quality of leather.　　7

6. Explain Paris binding and Collar binding.　　7

7. Explain any four types of closed seam with diagrams.　　7

8. What are the various defects found in vegetable tanned leather ?　　7

9. A buyer gives a sample of RIBBED INSOLE to the factory. Write the process in the sequence that you will follow to start production in the factory.　　7

10. Draw a labelled diagram showing the drafting pulls.　　7

11. Write at least ten common mistakes which occur during the production of leather unit sole.　　7

12. Draw a cross-sectional labelled diagram of a shoe having the following construction :　　$3\frac{1}{2} \times 2 = 7$

　(a)　Stuck on construction

　(b)　Direct injection process

13. Write down the sequence of operations in the lasting department for a veldcheon shoe using the following components :　　$3\frac{1}{2} \times 2 = 7$

　(a)　Leather upper

　(b)　Leather sole with masonite heel