M.Sc. FOOTWEAR TECHNOLOGY (MSCFWT)

00105

Term-End Examination
June, 2012

MFW-025 : PRODUCT KNOWLEDGE / MATERIAL FOUNDATION

Time : 3 Hours   *Maximum Marks : 70*

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

1. Discuss ten shoe faults in brief.   **10**

2. What is drafting in shoe making ? Explain with diagram.   **5+5=10**

3. Write down properties of cotton and synthetic threads.   **10**

4. Explain sizing system in brief.   **10**

5. (a) Briefly explain the properties of leather as the shoe material.   **3+4+3=10**

    (b) Draw a cow side and show different quality regions and lines of tightness in each quality region of the side.

    (c) What are the two main methods of tanning ?

6. (a) Write the four important requirements for insole forepart board and insole seat board each. **2x5=10**

(b) Define sole and insole.

(c) What are raw material for making fiber boards ?

(d) Name the three different companies manufacturing insole board and shank board each.

(e) Write the dimensions (L × B × H) of cellulose board, shank board and steel shank.

7. (a) Explain two types of fibers by which thread is made. **5+5=10**

(b) What is the purpose of neat setting ?

8.· Give the answer in True or False : **1x10=10**

(a) Burnish leather is glossy leather.

(b) High quality cellulose board is bonded with synthetic neoprene.

(c) P.U. film leather is as good as synthetic material.

(d) V.T. leather is sold by square decimeter.

(e) Hard cream can be used as a base coat while finishing a shoe.

(f) Crome tanning of a leather is a slow process.

(g) Oil - pull up is two tone effect leather.

(h) Insole board is non - woven board.

(i) Burnish is a Wax-Finish leather.

(j) Resin, Alum and Latex are fibers.

9. (a) What is lasting ? Explain with examples. **5+5=10**

(b) Name different types of adhesives used in upper making.

10. Name the measuring devices used for measuring foot. Explain any two from them. **5+5=10**

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