

B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)

Term-End Examination

00240

December, 2014

BFW-040 : MANUFACTURING TECHNIQUE – I

Time : 3 hours

Maximum Marks : 70

Note : All questions are compulsory.

1. Explain the type of last that you would use to make an open footwear. 5
2. Differentiate between a classic shoe and a casual shoe. 5
3. Explain French sizing system. 5
4. Explain in brief the following : 4×2=8
 - (a) What is DD lining ?
 - (b) What are the ante-mortem defects found on leather ?
 - (c) What is area discrepancy in leather ?
 - (d) What is the table run method of grading ?

5. Answer in brief the following :

3×4=12

- (a) The leather procured from the tannery had 6% of the area shortage and 4% of the grade waste, whereas the leather procured from the other tannery had 8% of the area shortage and 2% of the grade waste. Which lot will you buy and why ?
- (b) What do you understand by Purchase Cost Variance? A shoe factory has received 10,000 sq. ft. of cow full grain leather of TR-grade. The price quoted is ₹ 80 per sq.ft. After arrival of the leather, following observation is made on checking the lot :

Grade	Quantity
A	2550 sq.ft.
B	4550 sq.ft.
C	2450 sq.ft.

Calculate the purchase cost variance in terms of profit (+) or loss (-) in rupees.

- (c) What is the difference between grading and sorting? Why is sorting compulsory for goat grazed brown?
6. Explain the different types of skives done in shoe upper with diagrams. 5
7. Name and explain the different types of three Cutting Edges needle point in shoe making. 5

8. Explain the following in brief : 10×1=10
- (a) Needle Guard
 - (b) Gibb
 - (c) Polyamide
 - (d) Beading
 - (e) Paris Binding
 - (f) Concave Curve
 - (g) Elastic
 - (h) Dressing Tool
 - (i) Bell Knife
 - (j) Check Spring
9. (a) Name the three different companies manufacturing Insole board and Shank board each.
- (b) Write the dimensions [L × B × H] of Cellulose board and Shank board. $2 \times 2 \frac{1}{2} = 5$
10. How will you set travelling head cutting press machine for a particular die ? 5
11. Define the following terms : 5
- (a) Insole
 - (b) Toe Puff
 - (c) Heel
 - (d) Steel Shank
 - (e) Sole
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