

B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)

Term-End Examination

00110

June, 2015

BFW-040 : MANUFACTURING TECHNIQUE - I

Time : 3 hours

Maximum Marks : 70

Note : All questions are compulsory.

1. Fill in the blanks : 5×1=5

- (a) Thong Last is used for making _____ .
- (b) Standard back height of size 42 is _____ mm.
- (c) In Oxford style _____ overlays the quarter.
- (d) U-binding is also called as _____ .
- (e) Heel grip is a _____ component.

2. Why do we provide the following margins ?

- (a) Folding
- (b) Underlay
- (c) Trimming

Give approximate measurement (in mm) of the above margins.

3×2=6

3. Differentiate between the following : 2×2=4
- (a) Velcro and Elastic
 - (b) Toe spring and Heel height
4. Answer the following questions in brief : 6×2=12
- (a) What do you mean by cello tape test ?
 - (b) What are the natural defects found on leather ?
 - (c) Why is pressure setting required before start of machine cutting ?
 - (d) How does the lines of tightness run in a cow F.G. hide ? Explain with a diagram.
 - (e) What are the advantages of machine cutting as compared to hand cutting ?
 - (f) What is the percentage defect found in leather ? Give an example also.
5. What is the purpose of leather grading ? Explain the shoe factory method of grading. 4
6. What are the important points to be kept in mind while making layout of a Derby shoe on cow full grain leather ? 4
7. Name and explain with the help of a diagram, different types of two cutting edges needle point employed in shoe making. 5

8. Explain the different physical properties of cotton and synthetic threads. 5
 9. Name and explain the different parts of skiving machines. 5
 10. What do you understand by BOS ? Explain. 5
 11. What are the various methods for manufacturing fibre boards ? Explain the cylinder vat machine with the help of a diagram. 5
 12. Write ten important parts and functions of travelling head cutting machine. 10
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