

B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)

00490

Term-End Examination

December, 2014

**BFW-038 : INTRODUCTION TO MANUFACTURING
TECHNIQUE**

Time : 3 hours

Maximum Marks : 70

Note : Answer *all* questions.

**SECTION A
(CUTTING)**

1. Answer any *five* of the following : *5×3=15*

- (a) What are the tools used for hand cutting ?
- (b) What is PP Board ? Explain its applications.
- (c) Write ways to store machine cutting dies.
- (d) What are the functions of N1, N2, N3 switches in the clicking machines ?
- (e) Draw the diagram of CPE 3 and CPE 8 and show cutting directions.
- (f) Why cannot leather be cut in layers ? Explain.
- (g) Explain the various types of hand cutting blades used and specify their applications.

SECTION B

2. Answer any *two* of the following : $2 \times 5 = 10$

- (a) What are the safety points one should remember while operating the clicking press ?
- (b) Explain the procedure of making hand cutting blade on bench grinder.
- (c) Explain the different types of clicking machines and their applications.

SECTION C
(CLOSING)

3. (a) Write down the points regarding bench layout. 5
- (b) Write down the points regarding good working habits during machine operation. 5
- (c) Write down the safety precautions for the closing operator. 5
- (d) Name and explain the functions of various parts of a Needle. Give suitable diagram also. 10
- (e) Name and explain any five types of stitching machines. 5

SECTION D
(DESIGNING)

4. (a) Write down the sequence of processes to make Mean forme. 5
- (b) Draw a labelled sketch of a last. 5
- (c) What is feather edge ? Explain its importance during shoe making. 5
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