

**B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)**

00211

**Term-End Examination**

**June, 2014**

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

*Time : 3 hours*

*Maximum Marks : 70*

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**Note : Answer *all* questions.**

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**SECTION A**

1. Explain in brief: (Answer any **five** parts)  $5 \times 3 = 15$
- (a) What is the use of Aluminium strike plate ?
  - (b) What are the methods of making clicking dies ? Explain.
  - (c) How do we set the clicking press to operate it ?
  - (d) Why are two buttons given to push to operate the clicking press ?
  - (e) Draw the diagram of CPE 5 and CPE 7 and show cutting direction.
  - (f) Why are synthetic materials cut in layers ? Explain.
  - (g) Why is a gap of minimum 2 mm given for cutting synthetic materials in layers ? Explain.

## SECTION B

2. Answer any *two* of the following : *2×5=10*

- (a) What are the safety points one should remember while operating Bench Grinder ?
- (b) Explain different types of clicking dies and their application.
- (c) List names of all the parts of clicking press and specify their functions.

**SECTION C**  
**(Closing)**

3. (a) Name and explain different types of Ancillary machines used in Closing Department. 10
- (b) Name and explain the types of tools used in Closing Department. 10
- (c) Explain the following terms : 1×10=10
- (i) Punches
  - (ii) Pulley
  - (iii) Polypropylene Board
  - (iv) Shuttle
  - (v) Shaft
  - (vi) Head Groove
  - (vii) Hexagonal
  - (viii) Knee Press
  - (ix) Face Plate
  - (x) Throat Plate

## SECTION D

4. (a) Differentiate between metatarsals and phalanges. 5
  - (b) Explain the Thong Last. 5
  - (c) Define Meane Forme and explain its importance during shoe making. 5
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