

00290

**B.SC. FOOTWEAR DESIGN AND  
PRODUCTION (BSCFWP)**

**Term-End Examination**

**December, 2017**

**BFR-033 : INTRODUCTION TO FOOTWEAR  
MANUFACTURING TECHNIQUE**

*Time : 3 hours*

*Maximum Marks : 70*

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*Note : (i) Attempt all questions.*

*(ii) Marks are allocated on each side of the question.*

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1. Define the following term : 5
  - (a) Mean forme
  - (b) Ball point
  - (c) Last
2. Sketch a last and specify its parts. 10
3. Enlist tools and equipment used in manual shoe making. 5
4. Write down the different parts of the flat bed sewing machine under and above the table. 10
5. Which type of machines are used for lock and chain stitching ? What are the purposes of using such type of machines ? 10
6. Write down the bench layout while working on stitching machine. 5

7. Attempt any five questions from the following : 5x2=10
- (a) Define Buffing
  - (b) Why regular surface is required for P.P board ?
  - (c) Write down 02 upper leather names and thickness, if shoe construction is stuck on.
  - (d) What is the use of 'Punches' and 'Prickers' in cutting department ?
  - (e) Write down the 'size marks' for gents sizes 6, 7, 9 and 10 in cutting die.
  - (f) Differentiate between 'brand marks' and 'Vein marks'.
  - (g) What is the use of strap cutting machine in shoe industry ?
8. Attempt any three questions from the following : 3x5=15
- (a) Write down the different types of hand cutting blade used in shoe industry.
  - (b) Write down any five parts and functions of 'Sewing Arm clicking press machine'.
  - (c) Draw a cow hide and show :
    - (i) Line of tightness and stretch
    - (ii) Quality parts
  - (d) How you will utilize various leather defects during making of Derby layout on corrected Grain leather ?
  - (e) If you are appointed as a cutting supervisor, then what steps you will take in your shoe factory once you receive any newly made cutting die set for bulk order.
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