

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

Term-End Examination

00024

June, 2017

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

Time : 3 hours

Maximum Marks : 70

Note : Attempt any **seven** questions. All questions carry equal marks.

1. What do you know about principle of design ?
Explain the term "Balance" in detail. 5+5=10

2. Sketch a two-dimensional lateral view of a last
and indicate the following parts : 5+5=10
 - (a) Cone
 - (b) Hinge
 - (c) Thimble
 - (d) Toe Spring
 - (e) Tread Line

3. What are the check points before cutting of
synthetic upper material ? Why can synthetic
materials be cut in multilayers ? 8+2=10

4. Classify various clicking dies used in the shoe industry based on their height and edge. Also, explain in detail the use of 'punches' and 'prickers' in clicking dies. 10
5. What is the importance of stamping machine in shoe industry ? What points should always be remembered while using a stamping machine ? 5+5=10
6. Differentiate between 'Hide' and 'Side' with examples. Also, draw a Hide and show 6+2+2=10
- (a) Line of tightness and stretch
- (b) Various quality areas sequentially
7. Draw and label the diagram of a Sewing Machine Needle and write down its parts and functions. 4+6=10
8. Explain the different types of stitching machines and their use in the shoe industry. 10
9. Write down safety points while working on a stitching machine. Also, write five good working habits. 5+5=10
10. Write five different parts and their functions, of a flat bed stitching machine. 5×2=10
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