

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

Term-End Examination

00791

December, 2017

**BFR-039 : ADVANCED MANUFACTURING
TECHNIQUE**

Time : 3 hours

Maximum Marks : 70

Note : Attempt all questions. Marks are allocated against each question.

1. How many types of eyeleting operations are performed in upper closing ? Write the process of each. Also write down the tools required for eyeleting. *4+4+2=10*

2. What is the role of PPC in the cutting department ? Explain. *10*

3. Write short notes on the following : *5+5=10*
 - (a) Production Planning
 - (b) Relationship between Production Planning and Control

4. List out the operations and the purpose of each operation relative to the stitch down making process. 10

OR

Write down the sequence of operations of the cement lasting method. 10

5. (a) Differentiate between Growth Mark and Vein Mark.
- (b) Write down the formulae used to calculate pattern gross area in detail. 5+5=10
6. What are the factors affecting the selection of adhesive used in shoe manufacturing? 10
7. Suppose you are appointed as a quality manager. What steps will you take to minimize cut component rejection during production? 10

OR

What are the various defects that are found in vegetable tanned leather? Represent with a diagram, how various bottom components can be cut, avoiding these defects. 4+6=10
