

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

**Term-End Examination**

**December, 2016**

00243

**BFWE-003 : PRODUCTION AND OPERATION  
MANAGEMENT - I**

*Time : 3 hours*

*Maximum Marks : 70*

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

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1. Define productivity. Explain the term productivity improvement. How is productivity different from production and efficiency ? 10
2. What are the factors which influence the inventory ? Discuss each in brief and their impact on inventory. 10
3. Describe the factors considered in location planning. Discuss if technical factors are more important than economic factors. Justify your answer with suitable examples. 10
4. What are the main elements of operation management ? How does operation management influence customer demand ? 10
5. What is the need of standard time ? How is standard time computed through observed time ? 10

6. Explain the role of materials management. Describe the role and responsibility of a purchase manager. 10
7. Illustrate a flow chart of manufacturing of shoe process from the stage of Product Development to Packing. 10
8. Discuss how productivity influences the profitability of the organisation. Describe in brief different types of productivity. 10
9. Write short notes on any *two* of the following:  $2 \times 5 = 10$
- (a) Safety Stock
  - (b) Allowances
  - (c) Role of Human Resource Department
  - (d) MRP
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