

B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)

Term-End Examination

December, 2017

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

Time : 3 hours

Maximum Marks : 70

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

1. Discuss the main elements of Operation Management. Discuss how operation management is governed and influenced by customer demand. 10

2. Describe the basic philosophy of operation management. What are the new trends in operation management ? 10

3. Explain the concept of inventory control with the help of an inventory control model. List out the various models of inventory. 10

4. What are the objectives to control WIP ? Discuss in detail the control of WIP inventory in the footwear industry. 10

5. What do you understand by the term Standard Time in a shoe factory ? How is standard time computed from observed time ? 10

 6. How is location planning a vital factor for starting an industry ? Discuss the important factors involved in location planning. 10

 7. What do you understand by layout of a plant ? How is a plant layout principle different from the layout of a corporate office ? 10

 8. Define Inventory. What do you understand by Economic Order Quantity (EOQ) ? Define Buffer Stock. What is the importance of keeping buffer stock ? 10

 9. Briefly describe the role and responsibility of purchase professionals. How do they help in maintaining material management ? 10
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