

B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)

Term-End Examination

00106

June, 2016

**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 role of human resource department in improving productivity in manufacturing and in service industries. 10
2. Why are inventories required ? Discuss inventory control in the context of footwear industry. 10
3. What do you understand by work-in-process (WIP) ? What are the various methods of controlling WIP ? Explain them with suitable examples. 10
4. Define lead time. Discuss the various factors which influence lead time. 10
5. What do you understand by 'Material Requirement Planning (MRP)' ? How does MRP help in minimizing the cost of material ? 10

6. How does the production and operations management function distinguish itself from the other functions of management ? 10
 7. Write down the difference between production planning and production control. 10
 8. What do you understand by plant layout ? Discuss the factors which influence the layout of a plant. 10
 9. How do the location problems for a manufacturing company, a new railway station, and a primary school differ from each other ? Discuss. 10
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