

**M.Sc. FOOTWEAR TECHNOLOGY  
(MSCFWT)**

**00355** Term-End Examination  
December, 2014

**MFW-033 : PRODUCTIVITY AND PRODUCTION AND  
OPERATION MANAGEMENT**

*Time : 3 hours*

*Maximum Marks : 70*

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

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1. Explain in detail the use of break-even analysis for the site selection of a plant. 10
  
2. List out and explain in brief the use of various types of scheduling techniques for the planning in manufacturing. 10
  
3. What is process planning ? How is it applied for computation of capacity of footwear industry ? 10
  
4. Discuss the effects of the following on scheduling : 10
  - (a) Machine loading
  - (b) Rush order
  - (c) Job priority

5. What are the prerequisites for PPC ? How is work order preparation carried out in batch type production ? Give steps only. 10
  
  6. What are the main functions of PPC in the footwear industry ? 10
  
  7. For a footwear company, draw an organisation chart for clearly showing PPC Department in relation to other departments. 10
  
  8. What do you understand by forecasting ? Write down various quantitative models of forecasting with their brief description. 10
  
  9. What are the various strategic actions possible from operation functions ? List them out and discuss each of them. 10
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