

M.Sc. FOOTWEAR TECHNOLOGY  
(MSCFWT)

Term-End Examination

December, 2012

MFW-033 : PRODUCTIVITY AND PRODUCTION  
AND OPERATION MANAGEMENT

Time : 3 hours

Maximum Marks : 70

Note : Answer *any seven* questions.

1. What are the different types of production / operation systems ? Where would each one of them be applicable ? Give suitable example. 10
  
2. (a) Explain 'SWOT' analysis for an organisation.  
(b) How can you turn a 'threat' faced by an organisation into an "Opportunity" ? Explain. 5x2=10
  
3. (a) What are the objectives of production planning ? 5x2=10  
(b) To make PPC truly integrative, what prerequisites are necessary ? Explain.
  
4. What do you understand by forecasting ? How moving average method and exponential smoothing method of forecasting related to each other ? 10

5. Explain productivity. How does a good plant layout help to improve productivity ? Explain with suitable examples. 10
  6. What is project planning ? Differentiate between project planning and other types of planning with appropriate examples. 10
  7. What are the applications of PERT ? Explain with examples. Discuss the benefits of PERT and CPM. 10
  8. What do you understand by work measurement ? What is its importance ? Discuss the methods of work sampling. 10
  9. How Gantt Chart can be used as a scheduling tool ? Explain. 10
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