

MANAGEMENT PROGRAMME

Term-End Examination

December, 2012

MS-94 : TECHNOLOGY MANAGEMENT

*Time : 3 hours*

*Maximum Marks : 100*

*(Weightage 70%)*

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

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1. (a) Define Technology and Technology Management. Explain the various dimensions of Technology Management.  
(b) What do you mean by Technology Life Cycle ? Discuss this from the perspective of growth and diffusion.
  
2. (a) Briefly discuss production functions and technological change. Explain their interrelationship.  
(b) Discuss the role of Technology Forecasting at the national and enterprise level. How do they influence the decision making process ?

3. (a) Explain Technology Strategy and its importance at corporate level.  
(b) Explain in detail the various issues related to pricing of technology.
  
  4. (a) Distinguish between Technology Adoption and Technology Absorption. Identify the major benefits of effective absorption of imported technology.  
(b) What is meant by diffusion ? Explain its importance in the context of technological innovation.
  
  5. Write short notes on *any three* of the following :
    - (a) Technology up gradation.
    - (b) Stages of Technology information.
    - (c) Methodology of Technology assessment.
    - (d) Role of S and T in planning.
    - (e) Routes of Technology Transfer.
  
  6. (a) Explain the various criteria for evaluating R&D projects.  
(b) Elaborate your understanding about the process of deriving technology strategy for the enterprise.
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