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## MANAGEMENT PROGRAMME

Term-End Examination

June, 2017

### MS-094 : TECHNOLOGY MANAGEMENT

Time : 3 hours

Maximum Marks : 100

(Weightage : 70%)

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**Note :** Attempt any five questions. All questions carry equal marks.

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1. (a) Explain the various phases of Technology Life Cycle. Why is the understanding of these phases important for management ?  
(b) Explain the concept of Appropriate Technology and examine its relevance in today's context.
2. (a) Distinguish, with examples, between Incremental Innovation and Radical Innovation.  
(b) Discuss the changes the IT revolution has brought about in products and processes.
3. Discuss Delphi as a method of Technological Forecasting. Explain its merits, demerits and limitations.
4. (a) Explain the concept of Technology generation in brief.  
(b) Discuss the various Technology Development Approaches.

5. Discuss the stages in Technology Assessment process. How would you organize and manage the technology assessment task in a business enterprise ?
  6. How would you go about identifying technology gaps at the enterprise level ? What would your plan of action include to implement the technology options and routes.
  7. Discuss various sources of Technology Information, pointing out their uses and limitations.
  8. Explain briefly **any four** of the following :
    - (a) Methods for evaluation of R&D projects
    - (b) Technology Business Incubators
    - (c) Monitoring technology transfer process
    - (d) Technology Absorption
    - (e) Technology management in India
    - (f) "25 per cent" Rule as a pricing method in technology transfer agreement
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