

**MANAGEMENT PROGRAMME**

**Term-End Examination**

**June, 2015**

**MS-58 : MANAGEMENT OF R&D AND  
INNOVATION**

01500

*Time : 3 hours*

*Maximum Marks : 100*

*(Weightage : 70%)*

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- Note :** (i) *Answer any four questions.*  
(ii) *All questions carry equal marks.*
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1. (a) How do you determine whether technology should be indigenously developed or procured ? What are the factors to be considered and how do you ensure that the price for an imported technology is fair ?  
(b) "R & D is a learning process and helps in capability-building". Do you agree ? Elaborate by citing relevant examples.
  
2. (a) Discuss the following techniques :
  - (i) Checklist
  - (ii) Guided Imaging
  - (iii) Attribute Listing
  - (iv) Morphology  
(b) Bring out similarities and differences in the concepts of 'technology base' and 'core competence'.

3. (a) Explain the concept of 'mother licensing' in the context of partnership.  
(b) Describe the performance skills of an R & D manager. How are these skills related to his/her tasks and functions ?
  4. (a) Do you think that the system of "Paired Research" is practical ? Why ? Briefly state its limitations.  
(b) "In R & D more than in any other aspect of industrial management success depends on people". Do you agree ? Discuss.
  5. (a) Discuss the features of manpower employed in and the expenditure incurred on R & D in India.  
(b) Compare the main features of India's Technology Policy with that of Japan. Offer your suggestions for improving the technology policy pursued in India.
  6. (a) How is technology transferred in India from laboratory to industry ? Describe the various steps involved in this process.  
(b) Do you think that technical consultants can facilitate the process of R & D and innovation ? If so, why ? Give an example in support of your views.
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