

00185

## MANAGEMENT PROGRAMME

### Term-End Examination

December, 2015

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

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) "Technological development is a process, which consists of technological generation, upgradation, implementation, and diffusion". Do you agree ? Discuss.
- (b) What could be the possible barriers to creativity in an organisation ? Discuss and explain how these barriers could be overcome.
2. (a) What are the different types of R&D organisations ? What kind of R&D organisations are found in India ?
- (b) Describe the major leadership functions. Why is it important to strike a balance among the different leadership functions ?

3. (a) Gillette's invention of "twin blade" design of shaving razor propelled it into position of "market leadership". Give five other criteria for evaluating this invention.  
(b) Classify India's R&D infrastructure into appropriate categories. State the bases of such classification.
  4. (a) Briefly describe the fiscal incentives available to industry for R&D activities in India.  
(b) Discuss the salient features of the Technology Policy of India. Describe the achievement and failure of India's Technology Policy.
  5. (a) How can technology package improve earnings from R&D ?  
(b) What role motivation, leadership and team building can play in the successful execution of an R&D Project.
  6. (a) Is the Government, in your view, providing sufficient financial support for technology development in India ? Explain.  
(b) What is GATTTS ? How can it facilitate access to technology and technical information for developing countries ?
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