

MANAGEMENT PROGRAMME

Term-End Examination

December, 2017

MS-094 : TECHNOLOGY MANAGEMENT

Time : 3 hours

Maximum Marks : 100

(Weightage : 70%)

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

1. Define Technology and give examples of some significant technology developments that have taken place over the last fifty years in the areas of transportation and communications.
2. (a) What do you understand by Technological Change ? What can a business enterprise do to guard itself against negative impact of such a change ?
(b) Discuss Brainstorming as a method of Technological Forecasting and the steps involved in the process.
3. Explain Technology Search Strategy and the process involved giving suitable examples.
4. Explain what is meant by Technology Absorption. What kind of skills and facilities are needed for technology absorption ? Explain the benefits a business firm is likely to reap from successful technology absorption.

5. Discuss the role and importance of R & D set up in a business enterprise. What capabilities the R & D set up should aim to develop ? Discuss.
 6.
 - (a) Explain the benefits of Technology Information System at the macro and micro levels.
 - (b) Discuss the role of Venture Capital in technology promotion and development.
 7. Describe the research infrastructure existing in India. Critically examine the system, pointing out any shortcomings, if any.
 8. Explain briefly **any four** of the following :
 - (a) Salient features of Technology Policy Statement, 1983
 - (b) NRDC and its role
 - (c) Technology upgradation
 - (d) Importance of technology Diffusion
 - (e) Routes of Technology transfer
 - (f) Technological change
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