

MANAGEMENT PROGRAMME

Term-End Examination

June, 2010

00407

MS-94 : TECHNOLOGY MANAGEMENT

Time : 3 hours

Maximum Marks : 100

(Weightage 70%)

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

1. (a) Define Technology and Technology Management. Explain the role and importance of technology management with special reference to India. 10
- (b) Discuss the role of technology policies and policy instruments in achieving industrial and economic developmental goals. 10
2. (a) Discuss the Technology Strategies. Give suitable examples. 10
- (b) What is Technology Transfer ? Discuss the models of Technology Transfer with examples. 10
3. Define Technology Assessment (TA). Discuss the methodology of TA and compare various definitions of the stages involved in the process of TA. 20

4. (a) What is meant by diffusion of technology ? 10
Discuss the role of opinion leaders in developing a diffusion strategy.
- (b) Discuss the Research Infrastructure available in India as a part of development of Science and Technology Infrastructure in India. 10
5. Discuss the impact of industrial policy and trade policy on Science and Technology Development in India. 20
6. (a) Discuss the role of the development finance institutions in providing funds for project financing. 10
- (b) Discuss the role of Technical Consultancy Organisations (TCO's) and Technology Business Incubator in Promoting Technology Development in India. 10
7. Write short notes on *any four* of the following : $4 \times 5 = 20$
- (a) Technology absorption process
- (b) Linkages for Technology Management at Enterprise Level.
- (c) Technology Evaluation
- (d) Appropriate Technology
- (e) Development and Training of Human Resources in Technology Organisation.
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