

MANAGEMENT PROGRAMME

Term-End Examination

June, 2014

02831

MS-94 : TECHNOLOGY MANAGEMENT

Time : 3 hours

Maximum Marks : 100

(Weightage : 70%)

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

1. Discuss, with examples, the macro effects of technological changes on production, manpower skills, and competitive advantage of developing countries.
2. Explain **any two** of the following :
 - (a) Incremental and Radical innovations and their impact.
 - (b) Effective technology planning at the national level
 - (c) Process of technology generation
3. Discuss and illustrate the modes and routes of technology transfer.
4.
 - (a) What factors at the enterprise level can facilitate technology absorption ?
 - (b) "Technology assessment is different from technology evaluation." Explain and illustrate.

5. (a) Comment on the research infrastructure that exists in India for promotion and development of technology development, giving examples.
- (b) "Linkages, whether national or international, are important for all enterprises - large or small - for generation, development and transfer of technology. Explain and illustrate.
6. Write short notes on **any four** of the following :
- (a) Foreign technology collaborations
- (b) Prominent features of technology Policy in Japan
- (c) Delphi as a method of exploratory / intuitive forecasting
- (d) Relationship between R&D and Technology Management
- (e) Technology life cycle
7. Explain with the help of examples the multidisciplinary approach to technology evaluation.
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