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MS-058

MANAGEMENT PROGRAMME (MP)

Term-End Examination

December, 2021

**MS-058 : MANAGEMENT OF R & D AND
INNOVATION**

Time : 3 Hours

Maximum Marks : 100

(Weightage : 70%)

Note : (i) Answer any **four** questions.

(ii) All questions carry equal marks.

1. (a) Discuss the linkage between R & D, innovation and economic development. What have the experiences of U. S. A. and Japan to do with them ?
- (b) "Creativity in an organisation, to a large extent, depends upon the environment that

prevails." Examine the statement and bring out the factors that can create an environment of creativity in the organisation.

2. (a) What could be different types of approaches used for R & D budgeting ? Which approach in your opinion would be most desirable ? Explain.
- (b) How would you define innovation ? What are distinctive characteristics of innovating persons ?
3. (a) What are the different hierarchical models of R & D organisation ? Compare their merits and demerits.
- (b) Briefly discuss about inhouse R & D units in the private sector. What are the

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purposes of such units ? By whom are they recognised ? Is there any criteria for their recognition ?

4. (a) Discuss the salient features of the technology policy of India. What have been the achievement and failure of the technology policy ?
- (b) Explain the innovation process. "India is a nation with very sound scientific and technological base and yet we rely on foreign technologies for our industrialisation." Comment.
5. (a) Why is management of intellectual property rights important to an organisation ? What are the aspects that are involved in management of intellectual property rights ?

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- (b) What are the salient characteristic differences between Indian consultants and foreign consultants who have set up offices in India ?
6. (a) Explain the good practices in technology transfer.
- (b) Explain the following terms :
 - (i) Patent
 - (ii) Design
 - (iii) Trademark
 - (iv) Intellectual Property Rights

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