

MANAGEMENT PROGRAMME (MP)

Term-End Examination

June, 2023

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

Time : 3 Hours

Maximum Marks : 100

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

(ii) All questions carry equal marks.

1. What are the factors which impinge heavily on the growth and quality of life in India ? Discuss in context of Japanese model of technology and technological innovation.
2. What do you understand by “development of technology” ? Explain the various components of technology development process.
3. “A project’s life cycle contains a series of major steps in the process of conceptualizing, designing, developing and putting in operation the project’s technical performance deliverables ? Explain in the view of the statement the steps in the project’s life cycle.

4. Why is the management of R & D projects important ? Also, explain the causes of failure of project.
5. “A number of industrially advanced countries offer incentives to industry for R & D. Give some examples of incentives and support measures in Japan and USA.
6. The Government of India had launched various R & D funding schemes. Can you name them ? Explain any *four* of them in brief.
7. Write short notes on any *three* of the following :
 - (a) R & D Budgeting
 - (b) Total Quality Design
 - (c) Adair Model
 - (d) Scientific and Industrial Research Organizations (SIROs)
 - (e) Management of IPRs