

MANAGEMENT PROGRAMME (MP)

Term-End Examination

December, 2022

MS-057 : MAINTENANCE MANAGEMENT

Time : 3 hours

Maximum Marks : 100

(Weightage : 70%)

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

1. “Forecasting of maintenance workload of a plant is essential for carrying out proper planning and scheduling.” Comment on the statement.
2. “The design of a resource structure for a maintenance organization should aim to get the best balance between the utilization of the trade force and the quality of service it provides.” Explain in view of the statement, the key decision-making areas of resource structuring.
3. What do you understand by the term “maintainability” ? Explain the various elements of maintainability.

4. “Replacement policies form an integral part of all industrial maintenance programmes.” Explain the assumptions made in all replacement decisions. Also, explain the replacement of capital equipment.
 5. What is Reliability Centered Maintenance (RCM) ? Explain the various steps of methodology of the RCM.
 6. “Maintenance management audit has to focus on both the results achieved and processes used to have a holistic idea of the system efficiency and effectiveness.” Explain the key result areas that can be covered in a maintenance audit.
 7. Write short notes on any *three* of the following :
 - (a) Benefits of Planned Maintenance
 - (b) Aim of Spare Parts Inventory Management
 - (c) Productive Maintenance
 - (d) Bath-Tub Curve
 - (e) Role of HRD in Maintenance Management
-