

MANAGEMENT PROGRAMME

Term-End Examination

February, 2021

MS-057 : MAINTENANCE MANAGEMENT

Time : 3 hours

Maximum Marks : 100

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

1. “In Breakdown Maintenance the equipment is allowed to run to its breakdown and then it is maintained and put back into operation.” Explain in the light of the above statement the important steps required to accomplish a corrective maintenance task.
2. What is the aim of Spare Parts Inventory Management ? In what way does it influence the different stages of the life cycle of spare parts ? Also describe the different types of spare parts and the time of their usage.

3. “Total Quality Maintenance is derived from Total Quality Management.” Explain the statement in the light of relationships between TQM, TQC and TPM.
 4. “Overhauling of plant and equipment constitutes an important part of the preventive maintenance effort of a manufacturing organization.” Discuss.
 5. Why are audits important for Maintenance Management Systems ? What preliminary preparations are required before a maintenance audit can be commenced ? Elaborate.
 6. What do you understand by Failure Mode and Effects Analysis (FMEA) ? What are the objectives of this process ? Discuss in detail.
 7. Write short notes on any *three* of the following :
 - (a) Maintenance Scheduling
 - (b) Planning and Scheduling System
 - (c) Elements of Maintainability
 - (d) Replacement Decision
 - (e) Pareto Chart
 - (f) Pitfalls in Implementing RCM
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