

MANAGEMENT PROGRAMME (MP)

Term-End Examination

December, 2024

**MS-05 : MANAGEMENT OF MACHINES AND
MATERIALS**

Time : 3 Hours

Maximum Marks : 100

Weightage : 70%

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

1. (a) Give a brief overview of Operations Management indicating the kinds of decisions that on operations manager is likely to make.
- (b) In your opinion, what is easier to manage between a high volume continuous operation and a high variety intermittent operation ? Justify your answer.

2. (a) What factors do you consider in designing a plant layout ? Briefly discuss the steps involved in plant layout design.
- (b) What is meant by intensiveness of use of a productive unit and how is it relevant while establishing its capacity ?
3. (a) It is usually presumed that 'resistance to change is a characteristic attributed to people'. What would be your personal reactions, if some work design analyst comes to your work station to conduct a study of your work ?
- (b) Discuss some principles of motion economy and their relevance to job design.
4. (a) Describe value analysis in brief. Why is purchasing department sometimes helpful in value analysis programmes ?
- (b) Comment on the following :
 - (i) It is important to inspect the inspector.
 - (ii) As the quality improvement programme is established, cost of quality increases.

5. (a) Design a suitable form to be used for preparing the comparative statements to enable the purchase manager to take the decision about the best supplier.
- (b) Explain how would you proceed in designing a waste disposal system for a medium sized hotel.
6. Write short notes on any *three* of the following :
- (a) Learning Curve
- (b) Buffer Stock
- (c) Project Crashing
- (d) Robotics
- (e) Job Enrichment

× × × × × × ×