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MMPC-009

MANAGEMENT PROGRAMME (MP)

Term-End Examination

December, 2023

**MMPC-009 : MANAGEMENT OF MACHINES AND
MATERIALS**

Time : 3 Hours

Maximum Marks : 100

Note : (i) *This question paper consists of seven questions.*

(ii) *Answer any **five** questions.*

(iii) *All questions carry equal marks.*

1. "A strategic decision is one which has a long-term impact, influences a larger part of the system and 'once implemented' cannot be undone easily." Explain such decisions, in brief.
2. What do you understand by mass production ? Explain the various advantages and disadvantages of mass production.

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3. Explain the concept of job design. Discuss the various technological factors for an effective job design.
4. Explain the concept of inventory. What are the various functions of inventory ?
5. “Basic foundation of value engineering is structured around the effective use of people in teams.” In view of statement, explain the meaning and behavioural and organisational of value engineering.
6. Enumerate the basic types of plant layouts. How does a cellular layout differ from a process layout ?
7. Write short notes on any *three* of the following :
 - (a) Locational break-even analysis
 - (b) Job production
 - (c) Work-study approach
 - (d) Inventory control of slow moving items
 - (e) Automation and Robotics