

02375

MANAGEMENT PROGRAMME

Term-End Examination

June, 2018

**MS-005 : MANAGEMENT OF MACHINES
AND MATERIALS**

Time : 3 hours

Maximum Marks : 100

(Weightage 70%)

Note : (i) Answer any four questions.

(ii) All questions carry equal marks.

1. (a) What are the decisions made by an Operations Manager in Hospital ? Discuss in detail.
(b) Coca-Cola is called a global product. Does it mean that coca-cola is formulated in the same way throughout the World ? Discuss in detail.
2. (a) Discuss in detail the key elements to be considered in product design.
(b) What are the basic types of plant layout ? How cellular layout differ from a process layout ? Discuss in detail.
3. (a) List the techniques used by service organisation to select locations. Contrast the location of a food distributor and a supermarket. Show the relevant consideration they share; show those where they differ.
(b) How would you define a good quality of work life ? Discuss.

4. (a) The operator drops a part, which you pick up and hand to him. Does this make any difference in a time study ? If so, how ?
(b) "It is generally agreed that mass production is Justified only when production quantities are large and product variety is small." Discuss in detail the ideal situation in which mass production is done.
 5. (a) What are the advantages and disadvantages of varying the size of workforce to meet fluctuating demand requirements ? Discuss in detail.
(b) Identify and explain the types of costs that are involved in an inventory system.
 6. (a) Is there a difference between quality of a manufactured product and quality of service ? Give some specific examples.
(b) "Maintenance work can either be planned or unplanned." Discuss in detail different types of maintenance system. Give some examples.
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