



D-1612070701070700 Seat No. _____

M. P. M. (Sem. VII) (CBCS) (W.E.F. 2016)

Examination

March – 2022

Material and Operation Management

Time : 3 Hours]

[Total Marks : 80

- Instructions :** (1) Attempt three questions from each section.
(2) Questions 1 and 5 are compulsory.
(3) Figure to the right indicates full marks for the respective question.
(4) Draw neat and clean diagram when required.

SECTION - I

- 1** Answer the following questions : (Any **Seven**) **14**
- (1) What is Integrated Material Management?
 - (2) Explain Mass Production.
 - (3) What is Facility Planning?
 - (4) What do you mean by Operation Management?
 - (5) Explain the term Material Control.
 - (6) Discuss the Concept of Material Requirement Planning (MRP).
 - (7) Write names of classification of Material.
 - (8) Define OTC drug.
 - (9) Explain Inventory Management.
 - (10) What is Product Design?
- 2** Answer the following questions :
- (1) Discuss the process of Material Requirement Planning. **7**
 - (2) What is Production Management? Explain its Objectives in detail. **6**
- 3** Answer the following questions :
- (1) Discuss EOQ and Just-in-time analysis with suitable example. **7**
 - (2) Explain Standardization with its advantages. **6**

- 4 Answer the following questions : 7
- (1) Explain the meaning and factors affecting Plant Location. 7
 - (2) Explain Codification System in detail. 6

SECTION - II

- 5 Answer the following questions : (Any **Two**) 14
- (1) Discuss the recent trends in Operation Management
 - (2) Explain the difference between Manufacturing Operations and Service Operations.
 - (3) Describe Process Layout and Fixed Position Layout in detail.
- 6 Answer the following questions : 7
- (1) Describe ABC analysis and Just-in-time inventory control technique. 7
 - (2) Explain the role of Production Manager. 6
- 7 Answer the following questions : 7
- (1) Explain the meaning and Functions of Material Management. 7
 - (2) Describe Advantages and Challenges of Integrated Material Management. 6
- 8 Answer the following questions : 7
- (1) Which are various categories of Materials? Explain with illustration. 7
 - (2) Discuss the advantages & disadvantages of MRP. 6
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