



**JAR-01400-3712**

Seat No. \_\_\_\_\_

**M. P. M. (Sem. VII) (CBCS)  
(W.E.F. 2014-15 & 2015-16) Examination**

**December - 2019**

**Material and Operation Management**

**Faculty Code : 01400**

**Subject Code : 3712**

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) Explain the Material Management.
  - (2) Give the formula of EOQ.
  - (3) Describe Material Requirement Planning.
  - (4) Explain Inventory Control.
  - (5) Discuss the term Production schedule.
  - (6) Explain in brief Plant Layout.
  - (7) Write a full form of ABC analysis.
  - (8) Define Process layout.
  - (9) Give the meaning of Operation Management.
  - (10) List down different names of pharmaceutical companies.
- 2 Answer the following questions :**
- (1) Discuss the factors affecting Plant location. **7**
  - (2) Define meaning and objectives of production management. **6**

- 3** Answer the following questions :
- (1) Discuss the recent trends in operation management. **7**
  - (2) Write a detail note on operation scheduling. **6**
- 4** Answer the following questions :
- (1) Explain in detail - EOQ of inventory control system. **7**
  - (2) What is the role of production manager? - Explain. **6**
- SECTION - II**
- 5** Answer the following questions : (Any Two) **14**
- (1) Explain codification system in detail.
  - (2) Discuss difference between manufacturing operations and service operations.
  - (3) Describe the advantages & challenges of integrated material management.
- 6** Answer the following questions :
- (1) Explain the process of material requirement planning. **7**
  - (2) Describe different layout of manufacturing. **6**
- 7** Answer the following questions :
- (1) Define in detail - Material management with its Scope. **7**
  - (2) Explain Product and Service Life Cycle. **6**
- 8** Answer the following questions :
- (1) Describe Just-in-time and ABC analysis. **7**
  - (2) Explain major decision areas of Operation Management. **6**
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