



**JAR-1612070701070700** Seat No. \_\_\_\_\_

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

**December - 2019**

**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) Define Mass Production.
  - (3) Explain Inventory Management.
  - (4) Write a full form of ABC analysis.
  - (5) Explain in brief Plant Layout.
  - (6) State the meaning of Product & Service with example.
  - (7) What do you mean by Operation Management?
  - (8) Discuss the Concept of Material Requirement Planning (MRP).
  - (9) Write names of classification of Material.
  - (10) Explain the term Material Control.
- 2** Answer the following questions :
- (1) What is material management? Explain its functions. **7**
  - (2) Explain codification system in detail. **6**

- 3** Answer the following questions :
- (1) Describe the advantages & challenges of integrated material management. **7**
  - (2) Discuss the factors affecting Plant location. **6**
- 4** Answer the following questions :
- (1) Explain EOQ and VED inventory control system / technique. **7**
  - (2) What is the role of production manager? - Explain. **6**
- SECTION - II**
- 5** Answer the following questions : (Any **Two**) **14**
- (1) Explain the process of material requirement planning.
  - (2) Discuss difference between manufacturing operations and service operations.
  - (3) Explain Fundamental principles of material management.
- 6** Answer the following questions :
- (1) Describe ABC analysis and Just-in-time inventory control technique. **7**
  - (2) Define meaning and objectives of production management. **6**
- 7** Answer the following questions :
- (1) Discuss the recent trends in operation management. **7**
  - (2) Is inventory control important in Pharmaceutical industry? How? **6**
- 8** Answer the following questions :
- (1) Write a detail note on Indian Pharmaceutical industry. **7**
  - (2) Explain standardization with its advantages. **6**