



PBE-014-003712

Seat No. _____

**M. Pharm. / M. P. M (Sem. VII) (CBCS)
Examination**

November / December - 2018

Material and Operational Management

Faculty Code : 014

Subject Code : 003712

Time : 3 Hours]

[Total Marks : 80

- Instructions :** (1) Answer any three from each section including question 1 and 5 which are compulsory.
(2) Figures to right indicate marks.
(3) Draw neat and clean diagram wherever required.

SECTION – I

- 1** Answer any **seven** out of given 10 questions. **2×7=14**
- (1) Define Material Management.
 - (2) Draw diagram of Scope of Material Management.
 - (3) What is Macro Factors in Materials Planning ?
 - (4) Give the example of company using Strategic Planning.
 - (5) What is Operational Planning ?
 - (6) Define Inventory Management.
 - (7) What is Ordering Cost ?
 - (8) What is Formula of EOQ ?
 - (9) What is Production Function ?
 - (10) List down different process types.
- 2** Answer the following :
- (a) Describe in detail advantages of Integrated Material Management. **7**
 - (b) Explain the meaning of production function. **6**
- 3** Answer the following :
- (a) What is Product, selection and design and explain product design process. **7**
 - (b) What is Operation Scheduling ? Explain in detail. **6**

- 4 Answer the following :
- (a) Explain in detail different types of Planning Techniques. 7
 - (b) What are Facility Operations ? 6

SECTION – II

- 5 Answer any **two** out of three : 7×2=14
- (1) Write a short note on Codification of Materials.
 - (2) Write short note on EOQ.
 - (3) Short note on – Process selection and technology.
- 6 Answer the following :
- (a) Explain different layout for manufacturing. 7
 - (b) Explain meaning and objective of Integrated Material Management. 6
- 7 Answer the following :
- (a) Which are 8 steps in Effective Planning Process ? 7
 - (b) Explain Product and service life cycle. 6
- 8 Answer the following :
- (a) Describe different process types. 7
 - (b) Describe in detail Common Inventory Management Techniques. 6
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