



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. **$2 \times 7 = 14$**
 - (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
