



**PAQ-161100010503**

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

**B. B. A. (Sem. V) (CBCS) Examination**

**October / November - 2018**

**Production & Operation Management**

*(New Course)*

Time :  $2\frac{1}{2}$  Hours]

[Total Marks : 70

**Instruction** : Figures to the right side indicate full marks.

- 1 Define the production and operation management. And also discuss the recent trends in operation management. 14

**OR**

- 1 (a) Define the objectives of operation management. 7  
(b) Discuss the differences between manufacturing and service operations. 7

- 2 Discuss in detail the advantages and limitations of job shop process. 14

**OR**

- 2 Explain the characteristics, advantages and disadvantages of continuous process. 14

- 3 Explain the different types of plant maintenance in the maintenance management. 14

**OR**

- 3 (a) Define the importance of aggregate plan. 7  
(b) Explain in detail the concept of capacity planning. 7

- 4 Define facility location. Explain the various factors affecting in selection of plant location of chemical industry. 14

**OR**

- 4 Discuss the Break Even Analysis and Qualitative Factor Analysis models for the analysis of facility location. 14

**5** Define the term “Facility layout”. Explain the different factors affecting in selection of facility layout. **14**

**OR**

**5** Define various types of Plant Layout. **14**

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