

**M.B.A. (GEN.) (2012 COURSE) / M.B.A. (HR) (2012 COURSE) /  
SEMESTER - II / M.B.A. (FM) SEMESTER - II (2013  
COURSE)(CHOICE BASED CREDIT SYSTEM) : SUMMER -  
2018**

**SUBJECT: PRODUCTION AND OPERATIONS MANAGEMENT**

**Day: Monday**  
**Date: 30/04/2018**

**S-2018-1867**

**Time: 02.00 PM TO 05.00 PM**  
**Max. Marks: 100**

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**N.B:**

- 1) Attempt **ANY FOUR** questions from Section-I. Each question carries **15** marks.
  - 2) Attempt **ANY TWO** questions from Section-II. Each question carries **20** marks.
  - 3) Figures to the right indicate **FULL** marks.
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**SECTION-I**

- Q.1** Discuss the concept of Production and Operations Management. Explain the various objectives of Production Management. **(15)**
- Q.2** Explain the objectives and various functions of Production Planning and Control. **(15)**
- Q.3** State the Importance of plant location and discuss the various factors affecting the plant location. **(15)**
- Q.4** Describe main features of Breakdown Maintenance and Preventive Maintenance. **(15)**
- Q.5** Write short notes on **(ANY THREE)**: **(15)**
- a) Job scheduling
  - b) Plant layout
  - c) Importance of Inventory Management
  - d) Environmental Health and Safety

**SECTION-II**

- Q.6** The Annual demand for an item is 3200 units. Unit cost is Rs. 6 and inventory carrying cost is 25% per annum of unit price. If cost of the one procurement is 150, determine **(20)**
- i) EOQ
  - ii) No. of orders per year
  - iii) Time lag between two orders
- Q.7** Discuss the role of Just In Time (JIT) system in making the Supply Chain Management (SCM) effective. **(20)**
- Q.8** Explain in detail the waste disposal techniques adopted in the factories. **(20)**

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