

Roll No. ....

## BBA-403(O)

### B. B. A. (Fourth Semester) EXAMINATION, May, 2013

(Old Course)

Paper Third

#### MANAGEMENT OPERATIONS

Time : Three Hours ]

[ Maximum Marks : 75

Note : Attempt all questions. All questions carry equal marks.

1. Describe the nature and scope of production management. Also mention the functions of production management. 15

Or

Explain production planning and control in detail giving suitable example.

2. "Location for any plant is pivot decision which may sometimes lead to be failure also." Comment on this statement, provide the factors for selecting location of any plant. 15

Or

Discuss various types of manufacturing system.

3. Discuss the various stages of product design and development with the help of block diagram. 15

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Or

Describe various types of plant layout with diagram. Also mention their limitations.

4. List and explain different types of costs in inventory system. Explain the concept of EOQ with these associated costs. 15

Or

Alpha Industry estimates that it will sell 12000 units of its product for the forthcoming year. The ordering cost is ₹ 100 per order and the carrying cost per unit per year is 20% of the purchase price per unit. The purchase price per unit is ₹ 50. Find : 15

- (a) Economic Order Quantity (EOQ)
  - (b) No. of orders per year
  - (c) Time between successive orders
5. Write short notes on any *four* of the following :
- (i) Production economics
  - (ii) T. Q. M.
  - (iii) Re-ordering point concept
  - (iv) Statistical quality control
  - (v) Productivity
  - (vi) Forecasting of sales