

Roll No. ....

## BBA-403(N)

### B. B. A. (Fourth Semester) EXAMINATION, May/June, 2015

(New Course)

Paper Third

#### PRODUCTION MANAGEMENT

*Time : Three Hours ]*

*[ Maximum Marks : 70*

**Note :** Answer *five* questions in all. Section 'A' is compulsory. Attempt *two* questions each from Sections 'B' and 'C'.

Section—A

3 each

1. Write short notes on the following :

- (a) Quality assurance
- (b) Six sigma
- (c) Method study
- (d) Factors which determine plant location
- (e) Quality Control
- (f) Just in Time
- (g) Work design
- (h) Job design
- (i) Production planning
- (j) Lead Time

## Section—B

10 each

2. Discuss the key areas of product and process development.
3. Elucidate the importance of facility creation in production.
4. What is lean manufacturing ? Describe at least two other manufacturing systems of your choice in brief.
5. Explain the concept of productivity cycle also describe the different ways to have better productivity management.

## Section—C

10 each

6. What is layout ? What are the basic types of plant layout ? What are their advantages and disadvantages ?
7. (a) What do you understand by EOQ ?  
(b) Football India Integrated Ltd. is engaged in sale of footballs. Its cost per order is ₹ 400 and its carrying cost unit is Rs. 10 per unit per annum. The company has a demand for 20,000 units per year. Calculate the economic order size, total orders required during a year, total carrying cost and total ordering cost for the year.
8. Describe the various techniques of inventory control. What is ABC analysis of inventory control and how does it help in inventory maintenance ?
9. "A QA, QC and verification system contributes to the objectives of good practice in inventory development". Comment on the above statement.

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