

**Term End Examination- June, 2017**  
**Programme Title: Diploma in Management**  
**Course Title: Production and Operations Management**  
**Course Code: DIM-06**  
**(Session: 2015-16)**

Time – 3 hours

Full Mark – 100

**Answer any four questions from Group- ‘A’, any two questions from Group- ‘B’ and any three questions from Group- ‘C’.**

**Group- ‘A’**

**(Answer any four questions each within 100 words)**

Q. No. 1

Marks: 5 X 4= 20

- a) What is wastage in a *service operation*?
- b) What is *e-commerce*?
- c) What is *degree of customization*?
- d) Why IT industries are mostly *located in urban areas*?
- e) Discuss advantages of *cellular manufacturing layout*.
- f) Define *lead time* in inventory management.
- g) What *safety stock* is required for 'C' class items and why?

**Group- ‘B’**

**(Answer any two questions each within 250 words)**

Q. No. 2

Marks: 10 X 2= 20

- a) Discuss transformation process with OM for College/ University.
- b) Define breakeven analysis with example.
- c) What is process layout? Give two examples.
- d) Discuss EOQ? Draw the graph.
- e) What is FSN analysis? How will it be co-related to ABC analysis?

**Group- ‘C’**

**(Answer any three questions each within 500 words)**

Marks: 20 X 3= 60

- Q. No.3 Identify the three major functional areas of business organizations and briefly describe how they interrelate.
- Q. No.4 Describe each of these systems: craft production, mass production.
- Q. No. 5 What are the major factors affecting plant location. Elaborate.
- Q. No. 6 Discuss Alfred Weber's theory of location of industries.
- Q. No. 7 What is ABC analysis? Discuss its usage in inventory management with example.
- Q. No.8 Discuss inventory turnover ratio. Which parameter is better and why?