

Register Number:

6790

Name of the Candidate:

B.B.A DEGREE EXAMINATION, 2008

**(APPLIED MANAGEMENT)
SECOND YEAR
PART-III
(PAPER –VIII)**

250. PRODUCTION AND OPERATIONS MANAGEMENT

Dec.)

(Time: 3 Hours

Maximum: 100 Marks

**SECTION-A
Answer all questions.**

(10×2=20)

1. Define Operations Management.
2. What is Aggregate planning?
3. State the purpose of using Gantt chart.
4. Why product layout is also named as line layout?
5. Define ergonomics.
6. What is meant by learning curve?
7. State statistical process control.
8. Define Total quality Management.

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- 9. What is six sigma concept?
- 10. State line of balance.

SECTION-B (4×10=40)

Answer any FOUR questions.

- 11. Discuss in detail, the steps involved in production planning process.
- 12. i) State Johnson's rule
ii) Explain the importance of Gantt's Charts in production scheduling operations.
- 13. With neat sketch, discuss product layout and fixed position layout.
- 14. Discuss in detail the objectives and importance of plant maintenances.
- 15. How to construct X and R charts in statistical process control.
- 16. Enumerate in detail, the implications of supply Chain Management in production & operations management.

SECTION-C (2×20=40)

Answer any TWO questions.

- 17. i) State the differences between planning and control operations.

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- ii) Discuss in detail with example, the role of Master production schedule in production planning and control.

- 18. Describe the different maintenance types followed during the course of plant maintenance.
- 19. Discuss how six sigma process is carried out and also discuss its important of strategic HRM in implementation.
- 20. Explain
 - i) Capacity Requirement planning
 - ii) Structure of quality circles
 - iii) Concepts of human engineering
