Time: Three hours

Maximum: 75 marks

PART A –  $(10 \times 2 = 20 \text{ marks})$ 

Answer any TEN questions.

- 1. Define Production Management.
- 2. What is Capacity Planning?
- 3. What is Process production?
- 4. Define product sequencing.
- 5. What is preventive maintenance?
- 6. What is meant by labour costs?
- 7. What are the symptoms of Bad Layout?
- 8. Define work study.
- 9. What do you mean by Storage?
- 10. Define Quality control.
- 11. What is Crib Inspection?
- 12. What is Total Quality Management?

PART B  $-(5 \times 5 = 25 \text{ marks})$ 

Answer any FIVE questions.

- 13. Explain the components of Production function.
- 14. Explain in detail, the different stages involved in production planning and control.
- 15. Explain the relationship between Routing and Scheduling.
- 16. Explain the importance of Plant location.
- 17. Explain the steps involved in method study.
- 18. Explain the objectives of work measurement.
- 19. Discuss the benefits of statistical quality control.

PART C  $-(3 \times 10 = 30 \text{ marks})$ 

Answer any THREE questions.

- 20. Discuss the different decisions involved in production management.
- 21. Discuss the principal functions of dispatching.

- 22. Describe the principles and criteria of plant layout.
- 23. Explain the major components of work study.
- 24. Discuss the various functions of Inspection.