

# Shakuntala Krishna Institute of Technology KD-64

**Subject:** Production Management

**Class:** BBA 3rd Semester

**Paper code:** F010302T A

All Assignments Questions 1 to 5

## Unit 1: Introduction to Production Management

1. Define Production Management. What are its objectives and scope?
2. Explain the difference between Production and Operations Management.
3. Describe the functions and responsibilities of a Production Manager.
4. What are the various types of production systems? Explain with examples.
5. Discuss the relationship between Production Management and other functional areas of management.

## Unit 2: Plant Location and Layout

6. What factors affect the selection of plant location? Give suitable examples.
7. Explain the different types of plant layouts and their advantages.
8. Compare product layout and process layout with examples.
9. What is the importance of plant layout in production efficiency?
10. Describe the steps involved in the design of a plant layout.

## Unit 3: Production Planning and Control (PPC)

11. Define Production Planning and Control. What are its objectives?
12. Explain the various stages of Production Planning and Control.
13. What are the main elements of production planning?
14. Discuss the role of PPC in effective utilization of resources.
15. Differentiate between planning, routing, scheduling, dispatching, and follow-up.

## Unit 4: Materials Management and Inventory Control

16. What is Materials Management? Explain its scope and importance.
17. Describe various methods of inventory control.
18. What is Economic Order Quantity (EOQ)? How is it calculated?
19. Explain the difference between perpetual and periodic inventory systems.
20. What are the objectives and functions of materials management?

## Unit 5: Quality Control and Maintenance

21. Define Quality Control. What are its tools and techniques?
22. Explain the concept and importance of Total Quality Management (TQM).
23. What is Statistical Quality Control (SQC)? Discuss its applications.
24. Describe the different types of maintenance systems used in industries.
25. What is Just-In-Time (JIT) production? Explain its advantages and limitations.