

## **OPERATIONS MANAGEMENT – IMPORTANT QUESTIONS**

- 1) Discuss the role of OM in the total management system with their interdependencies between other sub systems.
- 2) Explain the role of Operations Management in total management system.
- 3) Define 'Process Life Cycle' and describe the various stages in PLC.
- 4) Describe the production methods and procedure for production systems bringing out clearly the differences in the case of Job-shop system and batch production.
- 5) What is plant location? Explain the factors influencing the choice of plant location.
- 6) How Plant capacity is related with plant layout, process design, and equipment selection?
- 7) What is plant location? Explain the factors influencing the choice of plant location.
- 8) Explain the factors influencing product and process layout.
- 9) Define the term quality, 'quality creation', quality control, and quality assurance. Bring out the importance of quality.
- 10) Describe aggregate planning and scheduling. What are the methods available for line balancing? Discuss their relative merits and demerits.
- 11) Describe the procedure of master production scheduling.
- 12) Explain about development of aggregate plans for service organizations.
- 13) What is service management? Explain various types of service operations.
- 14) What is work measurement? Discuss various techniques and methods.
- 15) Outline the objectives of material management.
- 16) Explain the various techniques of inventory control.
- 17) Describe the process of materials requirement planning.

### **SHORT NOTES:**

1. Quality assurance 2. Safety stock 3. Aggregate planning 4. Production cycle
5. ABC analysis 6. Material Requirement Planning 7. Line balancing 8. VED analysis
9. Work Study 10. Need for materials management 11. Service Organizations
12. Process design. 13. Economic Order quantity.