**MPS**

**IMPORTANT QUESTIONS**

Q1. What is Transformation Process: Explain the transformation Process in a Bank

Q2 Define Operations Management. Discuss various activities involved in Production and operations management.

Q3 What is meant by the expressions order winners and order qualifiers? What was the order winner(s) for your last major purchase of a product or service?

Q4 Explain batch production and mass production along with its advantages and disadvantages.

Suggest suitable method of production for below categories:

1. Automobile
2. Computers

Q5 Discuss the pros and cons for a company considering a foreign location for its operations

Q6 As a project manager of a large petro-chemicals refinery, how will you select the appropriate location of the plant? Discuss the various factors affecting your decision.

Q7 Suppose you are working as a turnkey project consultant. One of your clients wants guidance in selecting facility location for his new fast-food restaurant. Guide your client.

Q8 A Pizza Delivery Service is considering to locate its business in your city. Enlist the factors which this service should take into consideration while locating in your city

Q9 If you want to set up a Power Plant/Car manufacturing facility, what are the factors will you consider before selecting the location?

Q10 A chemical manufacturing company wants to expand its operations by establishing a plant in Gujarat. Please suggest a location for company and discuss advantages and disadvantages related with the suggested location

Q11 What is aggregate production planning? What is the purpose of doing it? Q12 Write a note on “Aggregate Production Planning”.

Q13 Define Aggregate Production Planning. Discuss various strategies of Aggregate Production Planning

Q14 What are the key differences between level strategy and chase strategy in Aggregate Production Planning formulation?

Q15 Explain product and process layout in detail with its advantages and disadvantages Q16 Explain types of layout with examples

Q17 How does flexible manufacturing system differ from cellular layout? Q18 Discuss the factors affecting retail service layout?

Q19 Write a note on ISO and its various series (ISO 9000, ISO 14000) applicable to operations management

Q20 Write a note on contribution of Juran and Crosby (quality gurus) in the field of quality

Q21 Define quality, quality management and discuss dimensions of quality Q22 Write a note on ISO and benefits of ISO certification

Q23 What is Inventory? What is the purpose of Inventory in an organization? Describe the various costs associated with the Inventory analysis

Q24 Explain the ABC analysis technique of Inventory Control

Q25 Write a brief note on Economic Order Quantity. Explain dependent demand and independent demand with example

Q26 Discuss concept of Inventory Management. Explain concept of dependent demand and Independent demand.

Q27 What are the assumptions of the basic EOQ Model? Distinguish between a fixed- order- quantity system and fixed-time-period system.

Q28 Depict your understanding for “Just in Time” manufacturing system. Q29 Define Just in Time (JIT). Explain basic elements of JIT

Q30 Explain the benefits of JIT with schematic diagram

Q31 Explain concept of material handling and Discuss Various material handling Equipments

Q32 Explain Principles of material handling and list down material handling equipments Q33 Explain the MRP System in detail with inputs of MRP

Q34 What are the routing, dispatching, prioritization and expediting? Explain Q35 Explain in detail Elements of Production planning and control

Q36 Write in detail about production planning and control

Q37 What is production planning and control? Explain its objectives and functions. Q38 Explain Push Vs Pull Systems

Q39 Explain the types of manufacturing process in brief.

Q40 Project control should always focus on the critical path---critically examine the statement

Q41 Write down the difference between PERT and CPM Q42 Write a note on SQC

Q43 Identify different types of inspection and discuss their role in the Quality assurance and Control Process. What is the relationship between inspection and acceptance sampling?

Q45 What is Acceptance sampling in bulk production process? Also discuss the concept of Producers’ risk and consumers’ risk.

Q46 Write a note on Industrial safety & Safety management

Q47 Discuss the importance of Industrial Safety and safety management Q48 List down the objectives of scheduling

Q49 What do you understand by Operations Scheduling? What are the problems faced in the absence of proper scheduling?

Q50 What do you mean by shop floor control. Explain Gantt chart as a tool for shop floor control

Q51 Name and explain briefly all the priority sequencing rules. Elaborate shortest processing time and earliest due date priority sequencing rules

Q52 Discuss the methods for Scheduling of “n” jobs on one machine and scheduling of “n” jobs on more than one machine.

Q53 Explain Six Sigma process of Japanese manufacturing

Q54 What is Six – Sigma? Write steps for implementing six – sigma

Q55 Explain tools of Total Quality Management in detail