**BBA**

**PRODUCTION MANAGEMENT (16BBAC4)**

* **Question Bank**

**2 Marks Questions**

1. What is production?

2. Define – Production Planning and Control

3. What are the objectives of production planning and control?

4. What are the functions of production planning and control?

5. Define – Durability

6. Define – Dependability

7. Define –Standardization

8. What are the objectives of Standardization?

9. What are the advantages of Standardization?

10. What is simplification?

12. What are the disadvantages of simplification?

13. Define – Break-Even Point

14. What is margin of safety?

15. What are the phases of PPC?

16. What are the main functions of PPC?

17. What are the types of production?

18. What are the two types of continuous production?

19. What is the use of break-even point analysis?

20. Define – Contribution

21. What is break even chart?

22. What is product Design?

23. What are the various aspect of product?

24. What is angle of incidence?

25. What is method study?

26. What are the objectives of method study?

27. What are the charts used for method study?

28. What are the diagrams used for method study?

29. What is outline process chart?

30. What is time study?

31. What is work sampling?

32. What is multiple activity chart?

33. What is Simo chart?

34. What is production planning?

35. What are the factors affecting production planning?

36. What is value analysis?

37. When to apply value analysis?

38. What is process planning?

39. What are the activities associated with process planning?

40. What is the information required for process planning?

41. What is loading?

42. What is scheduling?

43. What are the different techniques of loading and scheduling?

44. What is master scheduling?

45. What are the advantages of master scheduling?

46. What are the disadvantages of master scheduling?

47. What is line balancing?

48. What are the advantages of assembly line?

**Big Questions**

1. What do you understand by production planning and control? Discuss its main elements.

2. Explain different types of production systems. Differentiate between them.

3. Explain in detail the production aspects of product design.

4. Write detailed notes on:

i) Standardisation ii) Simplification iii) Specialisation

5. Give detailed account of the various factors considered while designing a product.

6. Discuss in detail:

i) Breakeven Analysis ii) Samuel Eilon model

7. Explain the characteristic features of (i) batch production and (ii) mass production system.

8. a. Discuss the benefits of PPC.

b. Differentiate between product design and product development.

c. A manufacturer sells an item for Rs. 13 per unit. He incurs a fixed cost of Rs. 60,000 and a variable cost of Rs. 8 unit. Find the break even production quantity and also the no. of units to be produced to get a profit of Rs. 12000.

9. Explain the different aspects of product design and development.

10. a. What are the objectives of product analysis?

b. List the various factors that influence the product design.

11. Explain briefly the various steps involved in conducting the work study.

12. State and explain in brief the steps involved in conducting the method study procedure.

13. Briefly explain the various techniques of work measurement.

14. Define time study. List down the various steps in conducting a stopwatch time study.

15. Write short notes on:

a) Micro motion study b) Memo motion study

16. Briefly explain the different tools and techniques used in the recording phase of method study.

17. Explain the procedural steps involved in the work sampling study and illustrate how work sampling is used for the computation of standard time for an operation which involves both manual and machine elements.

18. Discuss two types of each of the charts and diagrams used in the recoding phase of the method study.

9. List the principles of motion economy as applied to the use of human body, arrangement of workplace and design of tools and equipment.

10. a. Write short notes on (i) Symbols of process chart (ii) Therblig

b. Distinguish between cumulative timing and fly back timing.

11. Explain the procedure by which scheduling 2 jobs in m machines can be done with suitable example

12. Write short notes on:

a) Aggregate run-out method of batch scheduling.

b) Line of balance method

13. Discuss the concepts, inputs, characteristics, working, outputs, and benefits of MRP.

14. What are the functions of dispatching? Explain the various documents raised by dispatching department.

15. What is progressing? Explain its function and recording.

16. a. Describe the information flow for master scheduling.

b. With an example explain Gantt chart.

17. Discuss in detail about the various factors that affect scheduling. Explain any one technique used in loading and scheduling process.

18. a. Explain the common methods adopted in industries for progress reporting.

b. Explain the priority rules used for job sequencing.

19. What do you understand by inventory control? Explain the purpose of maintaining inventory in any production unit.

20. What is EOQ? Derive the expression for EOQ when the demand of the item is uniform, the production rate is infinite and no stock-outs are allowed.

21 a) Explain the terms: lead time, stock out, buffer stock, inventory carrying cost.

b) Distinguish between in-process inventory, safety stock inventory and seasonal inventory.

22. Describe the fixed period quantity inventory model? Also compare and contrast P-system with Q- System.

23. What is selective control of inventory and explain various selective control techniques.

24. What is ABC analysis? Explain its significance in the inventory control with suitable example.

25. Discuss in detail: a) JIT b) ERP