

- 1) Section - A is Compulsory. (2 marks)**  
**2) Attempt any Nine questions from Section - B.(5 marks)**

**Section - A**

- 1.a) Define Production Management. '
- b) What are the stages of product life cycle.
- c) What is job production? •
- .d) What is the significance of plant location?
- .e) What is meant by plant layout?'
- f) Define capacity planning.
- g) What are the objectives of production planning? ,-
- h) Define work study.
- i) What is the significance of material management?
- j) What are blanket orders?
- k) What are the elements of Ordering cost?
- l) What are the benefits of inventory control?
- m) What are the functions of maintenance management?
- n) What is quality?
- o) Define Total Quality Management.

**Section -B**

- 2) Explain the concept and functions of operations management.
- 3)Discuss manufacturing strategies and challenges in each stage of product life cycle.
- 4)What is product-process mix? Discuss the need for Product-process mix.
- 5)Explain various factors affecting plant location
- 6)Discuss various long term and short term capacity planning issues.
- 7)What are the functions of materials management?
- 8)State the objectives of work measurement. What are its benefits?
- 9)Bring out the arguments for and against 'make' and buy decisions:
- 10) "A good follow-up system is vital to inventory control." Comment statement. –
- 11) Discuss various objectives of maintenance management.
- 12) Discuss the concept of Statistical Quality Control.
- 13) Explain Deming's principles of Total Quality Management.