

MBA – SECOND SEMESTER EXAMINATION MODEL QUESTION PAPER

Operations Management

Time: 3 Hours

Total Marks: 100

Section - A

- 1.) Explain PDCA cycle.
- 2.) Briefly explain the TQM concepts.
- 3.) Explain the concept of JIT system.
- 4.) What is EOQ?
- 5.) Explain advantages of ISO.
- 6.) What is forecasting?
- 7.) Define production and operations management.
- 8.) What is Ishkava Diagram?
- 9.) What is Six Sigma Quality?
- 10.) Define the term “ Inventory”.

Section – B

- 1.) What is product life-cycle? What are the characteristics of different stages? State with reasons, whether the life-cycle of a product can be extended, of so, how?
- 2.) Write a detailed note on integrated information technology solutions for logistics and supply chain Management.
- 3.) Define productivity. What are different types of productivity? Briefly discuss different factors contributing to productivity improvement.

Section – C

- 1.) What is Six Sigma? Explain its features, process, Advantages and Disadvantages?
- 2.) What are the principles of lean manufacturing? Discuss the steps in lean manufacturing.
- 3.) What are the significance of plant layout? Elaborate the factors influencing layout changes.
- 4.) Write short notes on:
  - A. VED
  - B. Just-in-time
- 5.) Explain exponential smoothing model of demand forecasting.