

BB – 305: PRODUCTION & OPERATIONS MANAGEMENT

Paper ID- C0217

Time: 3 hrs**Max Marks: 60**

- Notes:** 1. Attempt all the given **TEN** questions in section - A. Each carries **2** marks.
2. Attempt any **FOUR** questions from section – B. Each carries **10** marks.

SECTION-A**Q.1: Briefly Explain:**

- i. Facilities Location
- ii. Work simplification
- iii. Production planning
- iv. Inspection
- v. Statistical quality control
- vi. Breakdown maintenance
- vii. Routing of material
- viii. Total quality management
- ix. Inventory ordering cost
- x. Production v/s Operations management.

SECTION-B**Q.2:** What do you mean by productivity linked incentives? Explain its various types.**Q.3:** What do you mean by facility layout decisions? Discuss the various factors that should be considered for making such decisions.**Q.4:** Explain, why assembly line should be balanced? Describe any one method used for balancing the assembly line.**Q.5:** Write short notes on:

- a. Just in time manufacturing
- b. Computer aided manufacturing

Q.6: Discuss the causes responsible and measures required to control variation in quality of a product or a process.**Q.7:** Discuss the concept of ABC analysis used for managing inventory.

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