

Roll No. ....

Total No. of Questions: 07]

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**BBA (Sem. – 3<sup>rd</sup>)**  
**PRODUCTION & OPERATIONS MANAGEMENT**  
**SUBJECT CODE: BB - 305**  
**Paper ID: [C0217]**

[Note: Please fill subject code and paper ID on OMR]

Time: 03 Hours

Maximum Marks : 60

**Instruction to Candidates:**

- 1) Section - A is **Compulsory**.
- 2) Attempt any **Four** questions from Section - B.

**Section - A****Q1)****(10 × 2 = 20)**

- a) Just in time Manufacturing.
- b) Acceptance sampling.
- c) Product type plant layout.
- d) Economic batch quantity.
- e) Routine inspection.
- f) Method study.
- g) Spare parts management.
- h) Sequencing.
- i) Inventory holding cost.
- j) Procurement lead time.

**Section - B****(4 × 10 = 40)**

- Q2)** State and explain the steps involved in a typical procurement process.
- Q3)** Discuss the role of maintenance in a manufacturing system?
- Q4)** Define Capacity. Outline the steps involved capacity planning exercise in a system.
- Q5)** Write short notes on:
- (a) Loading.
  - (b) Dispatching.
- Q6)** What is meant by statistical quality control? Discuss various control charts used for controlling quality of a product and a process.
- Q7)** Why location planning is important? Discuss the factors considered for making location decisions?

