

M.B.A. CBCS Pattern Semester-IV  
**PCB4EG5 - Operations Management**

P. Pages : 1

Time : Three Hours



**GUG/S/24/10750**

Max. Marks : 70

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- Notes : 1. Attempt **any five** questions.  
2. All questions carry equal marks.

1. Define operations management. Discuss operation decision making tools. **14**
2. What is quality management? Explain applications of quality in operation management. **14**
3. Describe in details facilities layout and facility location models. **14**
4. Write a note on statistical process control. **14**
5. Explain nature and concept of Independent demand inventory management. **14**
6. Discuss aggregate planning and resource planning of dependent demand inventory management. **14**
7. Explain waiting line analysis for service improvement. **14**
8. Explain Computer Integrated Manufacturing Systems (CIMS) and advanced production Inventory Management Systems (APIMS). **14**
9. Discuss job design and work measurement of Human Resource. **14**
10. Write short notes on **any two**. **14**
  - a) Project Management.
  - b) Lean Production.
  - c) Just-in-Time Systems.
  - d) Flexible Manufacturing System

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