



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
Plot 91, Cadastral Zone, Nnamdi Azikiwe Express Way, Jabi - Abuja  
**FACULTY OF MANAGEMENT SCIENCES**  
**2023 2 EXAMINATIONS—**

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**COURSE CODE:** BUS317

**COURSE TITLE:** Production Management

**CREDIT UNIT:** 3

**INSTRUCTION:**

1. Indicate your Matriculation Number clearly
2. Attempt question one (1) and any other three (3) questions; four questions in all
3. Question one (1) is compulsory and carries 25 marks, while the other questions carry 15 marks each.
4. Present all your points in a coherent and orderly Manner

**TIME ALLOWED:** 2½ Hours

- 1a) Analyse the needs for universality of production. 25Marks
- 1b) What are the differ points between Manufacturing and non-manufacturing sectors. 25Marks
- 2a) Discuss the concept of production function.
- 2b) In a situation where forecasting made with some degree of accuracy capacity planning may still not be straight forward. Highlights strategies adaptation for capacity planning, 15Marks
- 3a) Explain the relationship between Equipment and Work Design. Account for factors of location decision.
- 3b) Discuss the concept of operation planning and control measures. 15Marks.
- 4a) What are the classification of operations input.
- 4b) Explain the mirror of Cycle Time and Labour Requirement 15Marks.
- 5a) What did you understand by aggregate plans for produce-to-stock versus produce-to-order.
- 5b) Account for factors that determine the choice between the Plants. 15Marks
- 6a) What are steps of aggregate production planning.
- 6b) According to Pitfield (1984), production in its strictest term, means the making of things by the conversion of materials and/or assembly of component into marketable objects. Discuss further. 15Marks