

  
**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.

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