



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS**  
**SCHOOL OF MANAGEMENT SCIENCES**  
**MAY/JUNE 2012 EXAMINATION**

ENT 417 Production Management I  
Time Allowed: 2 Hours

Instruction: Attempt any three (3) questions of your choice. Each question carries 23.3 marks. Present your answers legibly and logically using relevant examples.

1. (a) Define production with examples. [5.3 marks]  
  
(b) Identify the key aspects of production, and explain them briefly. [9 marks]  
  
(c) Discuss the major constraints of production policy. [9 marks]
2. (a) Mention the different types of production, and explain their key features. [9 marks]  
  
(b) Define site relative to production management. [2.3 marks]  
  
(c) Highlight the factors that influence site location. [8 marks]  
  
(d) Highlight the principles to be considered in materials handling. [4 marks]
3. (a) Give meaning to 'planning' and 'control' in relation to production. [4.3 marks]  
  
(b) What are the prime responsibilities of the planning and control department? [5 marks]

(c) Highlight the main tasks of progress control. [4 marks]

(d) Distinguish between centralized inspection and floor inspection. [4 marks]

(e) Distinguish between work measurement and method study with examples. [6 marks]

4. (a) Define production engineering. [3.3 marks]

(b) Distinguish between simplification and standardization. [4 marks]

(c) Differentiate between specialization and diversification. [4 marks]

(d) Why do organizations embark on diversification? [5 marks]

(e) "Production function exists in all types of industry". Discuss. [7 marks]

5. (a) Identify the key decisions to be made in equipment design. [4 marks]

(b) Identify and explain five types of operations control. [10 marks]

(c) Differentiate between production and productivity with examples. [4.3 marks]

(d) Discuss the merits of process and product layout. [5 marks]