



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**14/16, AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS**  
**SCHOOL OF MANAGEMENT SCIENCES**  
**SEPTEMBER/OCTOBER 2015 EXAMINATION**

**Course Code:** ENT417      **Credit Unit:** 2  
**Course Title:** Production Management I  
**Time Allowed:** 2 Hours  
**Instructions:**

- 1. Attempt question number one (1) and any other two (2).**
- 2. Question number 1 is compulsory and carries 30 marks while the other 2 carry 20 marks each.**
- 3. Present all your points in coherent and orderly manner.**

1. (a) What is production? (5 marks)  
(b) Identify and discuss the key aspects of production. (15 marks)  
(c) Discuss the constraints of production policy. (10 marks)
2. (a) Discuss the primary function of production, with particular emphasis on what it entails. (10 marks)  
(b) The production systems in a manufacturing concern are usually located based on certain factors. What are those factors? Discuss. (10 marks)
3. (a) Distinguish between production and productivity. (5 marks)  
(b) Differentiate between factory layout and product layout. (5 marks)  
(c) Discuss the fundamental problems with aggregate plan for services, and the techniques designed to solve the problems. (10 marks)
4. (a) Discuss the various types of production. (10 marks)  
(b) There exist different types of factory buildings. Identify and discuss the common ones. (10 marks)
5. (a) What is maintenance, and what are the specific duties of the specialist staff involved in maintenance? (10 marks)  
(b) Mention and discuss the different types of maintenance. (10 marks)