



NATIONAL OPEN UNIVERSITY OF NIGERIA
14/16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS
SCHOOL OF MANAGEMENT SCIENCES
OCTOBER 2013 EXAMINATION

Course Code: BUS 801

Credit Unit: 2

Course Title: Production and Operations Management

Time Allowed: 2 Hours.

Instructions:

- 1. Attempt Question 1 and any other two (2) Questions.**
- 2. Question 1 is compulsory and carries 30 marks while the other 2 Questions carry 20 marks each.**
- 3. Show all your calculations for appropriate marks.**

Question

1a. Discuss the historical evolution of Production and Operations Management (POM)

(10marks)

1b. Describe the two basic approaches to job design

(10marks)

1c. List and discuss the factors that need to be considered before site-selection decisions are made.

(10marks)

Question

2a. Discuss five basic options available for altering the capacity (or supply) or production.

(10marks)

2b. Compare and contrast two main classes of forecasting methods.

(10marks)

Question

3a. Discuss five basic steps in the acquisition process
(10marks)

3b. Suppose Tijani and Osot. Ltd assembled television sets. It purchases 3,600 black and white picture tubes a year at #65 each. Ordering costs are #31, and annual carrying costs are 20 percentage of the purchase price. Compute the optimal quantity and the total annual cost of ordering and carrying the inventory. (10marks)

Question

4a. Define the nature of supply-chain management for both manufacturers and service providers.
(10marks)

4b. Discuss three corporate strategy set by management via strategic alternatives.
(10marks)

Question

5. A company averaged N2million in inventory last year, and the cost of goods sold was N10million. If the company has 52 business weeks per year, how many weeks of supply were held in inventory? What was the inventory turnover? (20marks)

