

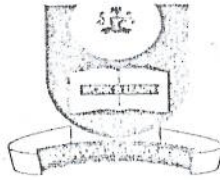


NATIONAL OPEN UNIVERSITY OF NIGERIA
14/16, AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS
SCHOOL OF MANAGEMENT SCIENCES
JUNE/JULY, 2013 EXAMINATIONS.

Course Code: MBA801 **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.

Questions

- 1a. Identify the three major functional areas of organizations and describe how they interrelate.
- 1b. Describe Frederick W. Taylor shop management Approach.
- 1c. List five important differences between manufacturing and service operations.
- 2a. Define Operations Strategy
- 2b. Discuss three corporate strategy set by management via strategic alternatives.
- 2c. What determines the choice of the competitive priorities that a company should emphasize?
- 3a. Discuss five basic steps in the acquisition process
- 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.
- 4a. Discuss five basic options available for altering the capacity (or supply) or production.
- 4b. Compare and contrast two main classes of forecasting methods.
5. Discuss how process choice implements flow strategy and how the five choices differ.



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OCTOBER 2013 EXAMINATION

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Credit Unit: 2

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Question One

- 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 Two

- 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 Three

- 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 Four

- 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)