



NATIONAL OPEN UNIVERSITY OF NIGERIA
91, Cadastral Zone, Nnamdi Azikiwe Express Way, Jabi-Abuja
FACULTY OF MANAGEMENT SCIENCES
2021_2 EXAMINATION⁴⁵⁶⁷⁸

Course Code: BUS 801

Course Title: PRODUCTION AND OPERATIONS MANAGEMENT

Credit Unit: 2

Instructions:

- 1. Indicate your Matriculation Number clearly**
- 2. Attempt Question 1 and any other two (2) questions**
- 3. Question 1 is compulsory and carries 30 marks while the other 2 questions carry 20marks each**
- 4. Present all your points in coherent and orderly manner**

Time Allowed: 2 Hours

1a. Discuss four quantitative methods that can be used as a basis for site selection if parameters and variables related to site selection can be estimated with some certainty
(12marks)

1b. Describe the two major types of relationships a firm may develop with its suppliers
(9marks)

1c. Discuss infrastructure as one the factors that need to be considered before site-selection decisions are made
(9marks)

2a. Identify and explain six ways of setting operations strategy **(14 marks)**

2b. Briefly examine the three primary areas of technology. **(6marks)**

3a Identify the three major functional areas of organisations and describe how they interrelate **(9marks)**

3b. Describe 3 quantitative methods used in forecasting **(11marks)**

4a. Explain three reasons why forecasting is very essential in Production and Operations Management **(9marks)**

4b. Discuss the five basic steps in the acquisition process. **(11marks)**