



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

COURSE CODE: BUS801/PAD801

Credit Units: 2

COURSE TITLE: Production and Operations Management

TIME ALLOWED: 2 Hours

INSTRUCTIONS:

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

1a. Discuss four basic demand options. **10marks**

b. Explain the characteristics and assumption of linear programming model. **10marks**

c. Discuss briefly four basic steps of graphic analysis. **10marks**

2a. Discuss the benefits and requirements of Material requirements planning. **10marks**

b. List and briefly describe the building blocks of just- in –time-system (JIT). **10marks**

3a. Lists ten steps in conducting work methods **10marks**

b. Discuss and compare time study methods **10marks**

4a. Describe the two basic approaches to job design **10marks**

b. Discuss types and effects of Supplier Relations. **10marks**

5. Discuss process choice implements flow strategy and how the five choices differ. **20marks**