



NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI, ABUJA
FACULTY OF MANAGEMENT SCIENCES
2023 2 EXAMINATIONS

COURSE CODE: BUS801

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. Time study methods consists of four (4) steps. Discuss **20marks**

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

2a. Discuss briefly four (4) basic steps of graphic analysis. **10marks**

b. Discuss five (5) ways managers use standard time on work measurement. **10marks**

3. Use quantitative methods to decide on site-selection. **20marks**

4a. Discuss the three (3) categories of Motion Study Principles. **15marks**

b. Mention five (5) steps involved in conducting work methods **5marks**