



Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi, Abuja

Faculty of Education

2025_2 EXAMINATIONS

Course Code: EDA 831

Course Title: Project Management in Education

Duration: 2 Hours

Credit Unit: 2 C

Level: 800L

Instruction: Answer question one and any other two

(Q1a) Define the concept of management in the process of project execution. (4 Marks)

(Q1b) Identify and explain four key terms commonly used for network analysis. (16 Marks)

(Q1c) Briefly explain any four (4) rules for constructing a network diagram. (10 Marks)

(Q2a) What is PERT (explain in detail)? (4 marks)

(Q2b) Given that;

| Activities | Optimistic Time | Most-Likely Time | Pessimistic Time | Expect Time |
|------------|-----------------|------------------|------------------|-------------|
| A | 2 | 4 | 6 | ? |
| B | 4 | 7 | 9 | ? |
| C | 12 | 16 | 20 | ? |
| D | 2 | 3 | 4 | ? |

Using the PERT formular, calculate the expected time for each column. (16 marks)

(Q3a) Justify five ways, in which **Management By Objective** is imperative in Achieving the organizational goals. (15 marks)

(Q3b) Highlight five essential uniqueness of MBO. (5 marks)

(Q4a) In five sentences, one for each, establish five (5) dichotomies between CPM and PERT (10 marks)

(Q4b) Using the given activities on the path:

- ABDEGHJI
- ABDEGIJK
- ACFGHJK
- ACFGIJK

Construct a network. (10 marks)

(Q5a) Justify with detailed explanations five (5) reasons EDA 831 is included in the learning contents of Educational Administration and Planning of the National Open University of Nigeria. (10 marks)

(Q5b) What is PPBES? (10 marks)