



NATIONAL OPEN UNIVERSITY OF NIGERIA
Plot 91 Cadastral Zone, Jabi, Abuja.
DEPARTMENT OF EDUCATIONAL FOUNDATIONS
FACULTY OF EDUCATION
2024 1 EXAMINATION

Course Code: EDA844

Course Title: Educational Statistics for Educational Managers

Credit Units: 2

Time Allowed: 2 Hours

Instruction: Answer Question 1 and any other 2

Note: Question 1 carries 30marks while others carry 20marks each

QUESTIONS

- 1a. Define and discuss the term 'efficiency'. State and discuss the dimensions of measuring education efficiency. 8 marks
- 1b. Distinguish between the following concepts:
(i) Internal and external efficiency
(ii) Input and output of educational system
(iii) Wastage in education and wastage ratio
(iv) Cohort analysis and standard progression methods of measuring internal efficiency in education 16 marks
- 1c. State the cause of education wastage? What are the steps to be taken to calculate wastage ratio using standard progression method? 6 marks
- 2a. Educational wastage will obviously affect the cost per graduate per level of education. Discuss the concept "costing wastage in education" in the light of this statement. 10 marks
- 2b. List and discuss the steps to be taken to ensure wastage reduction in education. 10 marks
- 3a. "Educational planner is expected to carry out a thorough cost analysis by relating the allocated money cost to the utilisation procedures and indices of utilisation". In the light of this statement, list and briefly discuss the major determining factors of financial estimates or budgetting. 12 marks
- 3b. Why is education cost very important for analysis in education? Briefly explain the types of cost analysis that are relevant to educational planning. 8 marks
- 4a. List and explain the types of costs in education that you are aware of. 10 marks
- 4b. What is unit cost analysis in education? List and explain the dimension on which unit costs can be calculated by education planner. 10 marks