

NATIONAL OPEN UNIVERSITY OF NIGERIA
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Faculty of Education
 Department of Educational Foundations

2023_2 EXAMINATIONS

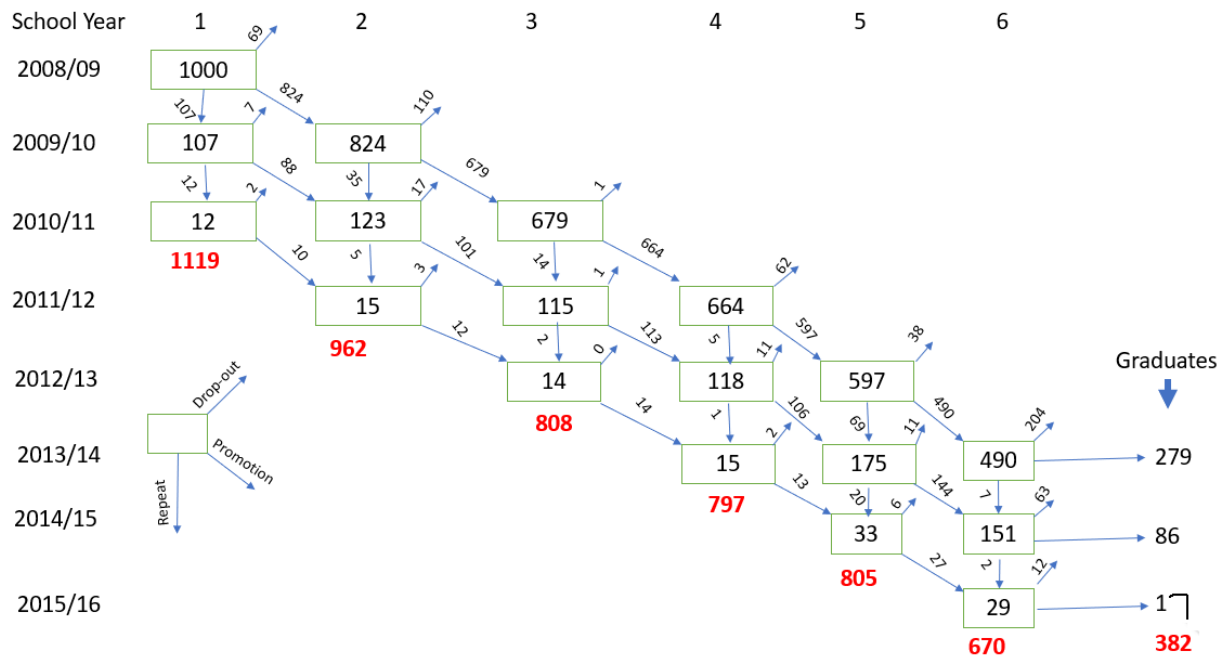
Course Code: EDA844
 Course Title: Educational Statistics for Educational Managers
 Credit Unit: 2
 Time: 2 hrs

Instruction: Answer Question **one (1)** and **two (2)** others.

1a. Where a true cohort analysis can not be used because of time, the reconstructed cohort is recommended. Explain three assumptions behind the use of reconstructed model. (9 marks)

1b.

Cohort Analysis using reconstructed cohort method



From the reconstructed cohort analysis answer the following questions:

- Calculate the years input per graduate (7 marks)
- Calculate the waste ratio (7 marks)

iii. What is the internal efficiency? Explain (7 marks)

2a. What is the difference between primary and secondary data? Give two examples.

2b. In your context, explain two major hiccups faced by educational planners in data collection. 20 marks

3. Assuming a certain educational level recorded the following:

Graduate output = 751

Actual input-output = 7.26

Ideal student years per unit of output = 6 years

Annual unit cost per student = ₦2000.00

Calculate the cost of wastage and explain the implication in the educational system.

20 marks

4. Explain how the following educational planning indicators affect Nigeria economy:

a. Progression or Grade Ratio

b. Literacy Rate

c. Non-Schooling Rate

d. Teacher-Pupil/Student Ratio 20 marks