



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
Plot 91, Cadastral Zone, Nnamdi Azikiwe Express Way, Jabi, Abuja  
**Faculty of Education**  
**2020\_1 Semester**

**PROGRAMME: M.ED.**

**COURSE TITLE: PSYCHOLOGICAL TESTING**

**COURSE CODE: EGC 809**

**CREDIT UNIT(s): 2**

**TIME ALLOWED: 2 HOURS**

**INSTRUCTION: Answer question no. One (1) and any other two (2) questions**

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**Question 1**

A counsellor in one of the public schools in Kaduna metropolis was asked by the three social studies teachers to assist in identifying the difficulty index of a standardized performance test administered to 200 pupils. The counsellor analysed results, revealed 80 highest scoring pupils in upper class and 80 lowest scoring pupils in the lower group. 63 pupils from the upper group got the test items correct and 57 from the lower group got the items correct.

- a. Write out the formula for calculating the difficult index for the test administered **(6 marks)**
- b. Write out the interpretations of the formula? **(6 marks)**
- c. Calculate the difficulty index for the administered test? **(12 marks)**
- d. What is the difficulty index for the administered test? **(6 marks)**

**Question 2**

The scientific methods used by psychologist to collect, gather information and draw conclusions continue to influence counselling processes. List and explain four (4) of these scientific methods that are of special interest to you as a counsellor? **(20 Marks)**

**Question 3**

- a. Define the following:
  - i. Measurement
  - ii. Educational test
  - iii. Psychological test

iv. Counselling test?

**(8 marks)**

- b. Using four (4) appropriate examples justify the distinctions between educational test, measurement and evaluation? **(12 marks)**

**Question 4**

Write short notes on five of the following:

- a. Test validity
- b. Test reliability
- c. Table of specification
- d. Content validity
- e. Equivalent-form method
- f. Split-half method
- g. Vocational Interest Blank

**(20 marks)**