



NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
MARCH/APRIL 2016 EXAMINATION

SCHOOL OF EDUCATION

COURSE CODE: EDU 726

COURSE TITLE: MEASUREMENT AND EVALUATION

TIME ALLOWED: 2 HOURS

INSTRUCTION: ANSWER QUESTION ONE (1) AND ANY OTHER TWO (2) QUESTIONS

- 1ai. Define the reliability of a **Test**.
- ii. List the four (4) chief methods of estimating reliability and the type of reliability measure associated with each of them.
- iii. What are the factors that influence reliability measures?
- bi. Explain the meaning of test administration.
- ii. What are the steps you must take as a teacher to ensure quality in test administration?

(30 Marks)

- 2a. Distinguish between the concepts Measurement and Evaluation
- b. Table 1 shows the format for tallying responses for item analysis of test scores for a group of testees.

Item No.	Testees	Alternatives with Correct Option Starred						Total	P-Value	D-Value	Option Distractor Index				
		A	B	C	D	E	Omit				A	B	C	D	E
1	Upper 27%	0	10*	0	0	0	0	10	0.70	0.60	0.20	*	0.10	0.30	0.00
	Lower 27%	2	4*	1	3	0	0	10							
2	Upper 27%	1	1	0	7*	1	0	10							
	Lower 27%	1	2	1	4*	1	1	10							
3	Upper 27%	3	0	1	2	4*	0	10							
	Lower 27%	1	0	1	3	5*	0	10							
4	Upper 27%	0	0	10*	0	0	0	10							
	Lower 27%	0	0	10*	0	0	0	10							
5	Upper 27%	2	3	3	1	1*	0	10							
	Lower 27%	3	3	1	2	1*	0	10							
*	Upper 27%														
	Lower 27%														
10	Upper 27%	6*	1	1	1	0	1	10							
	Lower 27%	3*	2	2	2	1	0	10							

Use Table 1 to compute for item 2:

- The item difficulty
- The discriminating power
- Effectiveness of distracters.

(20 Marks)

- What do you understand by the term **Test**?
- Explain why test is said to be limited as a measuring instrument.
- How would you classify the essay test items?
- Which of the types of Objective test items would you recommend for school wide test and why?

(20 Marks)

- What is test interpretation?
- Why is it necessary to interpret classroom test?
- Highlight the major difference between Criterion-related interpretation and Norm-referenced interpretation.
- What are the main advantages of Stanine scores over grade norms?

(20 Marks)

