

NATIONAL OPEN UNIVERSITY OF NIGERIA 14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS SCHOOL OF EDUCATION **SEPTEMBER/OCTOBER 2015 EXAMINATION**

COURSE CODE: COURSE TITLE: TIME ALLOWED: INSTRUCTION:

EDU726 (2unit) MEASUREMENT AND EVALUATION

2Hours

Answer Question One (1) and any other Two (2)

Question

Explain the meaning of Test Administration 1a.

What are the steps you must take as a teacher to ensure quality in test b. administration?

Table 1 shows the format for tallying responses for item analysis of test scores for a group of testees

Item	Testees	Alternatives with	Tot	P- D-			
No.		Correct Option Starred	al	Value Val	ue Dist	Distractor index	
		A B C D			Α	в с	
		E Omit			D	E	
1	Upper	0 10* 0 0	10	0.70 0.6			
1	27%	0 0	10	0.70 0.0	0.10		
	Lower	2 4* 1 3			0.00		
	27%	$\begin{bmatrix} 2 & 4 & 1 \\ 0 & 0 \end{bmatrix}$			0.00	,	
2	Upper	1 1 0	10				
	27%	7* 1 0	10				
	Lower	1 2 1					
	27%	4* 11					
3	Upper	3 0 1 2	10				
	27%	4* 0	10				
	Lower	1 0 1 3					
	27%	5* 0					
4	Upper	0 0 10* 0	10				
	27%	0 0	10				
	Lower	0 0 10* 0					
	27%	0 0					
5	Upper	2 3 3	10				
	27%	1 1* 0	10				
	Lower	3 3 1					
4	27%	2 1* 0					
*							
-1							

*								
10	Upper	6*	1	1		10		
	27%	1	0		1	10		
	Lower	3*	2	2				
	27%	2	1		0			

Use Table 1 to compute for item 2:

- I. The item difficulty
- II. The discriminating power
- III. Effectiveness of distracters. (30Marks)
- 2a. Distinguish between the Concepts:
 - I. Measurement and Evaluation
 - II. Test and Testing
- III. Intelligence Test and Achievement Test
- b. State the four (4) levels of Measurement and their possible arithmetic operation

(20Marks)

- 3a. Explain the meaning of objectives test
- b. What are the two (2) major advantages of objectives test items over essay test items?
- c. What is the major feature of objectives test that distinguishes it from essay test?

(20Marks)

- 4a Define the reliability of a test
- b. List the four (4) chief methods of estimating reliability and the type of reliability

measure associated with each of them.

c. What are the factors that influence reliability measure? (20Marks)