



NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
SCHOOL OF EDUCATION
OCTOBER 2013 EXAMINATION

COURSE CODE: EDU 423 (2 Units)

COURSE TITLE: MEASUREMENT AND EVALUATION

TIME: 2 HOURS

INSTRUCTION: ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS.

1. (a) Measurement involves assigning of numbers to events, traits or objects one wants to measure. Briefly explain any FOUR measurement scales that you know (8 marks)
(b) (i) Differentiate between item difficulty and item discrimination (4marks)
(ii) The total number of testees that got an item correct was 28 and total number of testees that responded to the item was 40. What is the item difficulty index? Interpret your result. (8 marks)
(c) Subjectivity is the greatest disadvantage of essay test. Discuss any FIVE ways you can reduce this to barest minimum (10 marks)
2. (a) Learners use their memories to retain and recall what they have studied. List EIGHT ways by which you can classify memory. (8 marks)
(b) What a teacher tests in classroom is not only cognitive-based but also affective inclined.
(i) Give THREE examples of objective test items that can be used to measure learning outcomes in the affective domain (6 marks)
(ii) Discuss the categories of 'receiving' and 'valuing' levels of affective domain. (6 marks)
3. (a) Differentiate between 'matching' and 'true-false' objective test items. (6 marks)

- (b) Classroom testing is inappropriate when it is done without adequate planning. Discuss any SEVEN steps that are necessary for preparing a classroom objective test

(14 marks)

4. (a) (i) Define test interpretation (4 marks)

(ii) Briefly discuss any THREE types of norms you know with particular reference to distance education

(6 marks)

- (b) A test might be considered reliable but not valid. Discuss FIVE factors that could influence measures of reliability.

(10 marks)