

DEPARTMENT OF EDUCATIONAL FOUNDATIONS AND COUNSELLING  
FACULTY OF EDUCATION  
OBAFEMI AWOLOWO UNIVERSITY, ILE-IFE

2008/2009 HARMATTAN SEMESTER EXAMINATION  
EFC 403: INTRODUCTION TO PSYCHOLOGICAL AND EDUCATIONAL TESTING

INTRODUCTION: Answer ALL questions.

DURATION: 1 HOUR 30 MINUTES

1.
  - a. Measurement can exist at several scale levels, depending on the mathematical and logical assumptions that are to be fulfilled. Identify the different scale levels and their characteristics in a tabular format. 12 marks
  - b. Discuss in full three purposes and uses of tests. 9 marks
2. Draw a schematic diagram of the full steps in test construction. 10 marks

The score a person obtained on a test is a function of the true score and the error involved in the measurement, that is  $X_t = X_T + E$

- a. Define the term error 5 marks
- b. Identify and discuss three sources of error in measurement. 10 marks

- a. What makes a test valid? 5 marks
- b. Discuss the following:
  - i. Criterion – related validity 3 marks
  - ii. Content validity 3 marks
  - iii. Construct validity 3 marks