

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**EXAMINATION FOR THE AWARD OF DEGREE OF POST GRADUATE  
EDUCATION**

**PGDE 744: MEASUREMENT AND EVALUATION**

**STREAMS: SB**

**TIME: 2 HOURS**

**DAY/DATE: THURSDAY 06/12/2018**

**2.30 P.M – 4.30 P.M**

**INSTRUCTIONS**

- **Answer question one and any other two questions**

1. (a) Explain the meaning of the following terms as used in measurement and evaluation.

[4

marks]

(i) Measurement

(ii) Evaluation

(iii) Test

(iv) Examination

(b) Discuss five reasons why it is important to study measurement and evaluate to a teacher. [5 marks]

(c) Show the relationship between validity and reliability of a test. [2 marks]

(d) Explain four characteristics of a good test. [4 marks]

(e) Explain three measurements of central tendency used in research. [3 marks]

(f) Highlight any two factors to consider during test construction. [2 marks]

2. (a) Describe five types of tests used in secondary schools in Kenya. [10 marks]

(b) Discuss three types of test validity and give relevant examples. [10 marks]

3. (a) Discuss some of major consideration to be put in place when planning for a test. [10 marks]

marks]

- (b) Explain any five principles of evaluation in any educational institution. [10 marks]

4. (a) Jane is a newly trained secondary school teacher. Discuss the need for her to have a table of specification in planning a test. [10 marks]

- (b) (i) Define measurement scale. [2 marks]

- (ii) Discuss the following measurement scales.

- (i) Nominal scale [8 marks]

- (ii) Ordinal scale

- (iii) Interval scale

- (iv) Ration scale
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