

CHUKA



UNIVERSITY

## UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF  
BACHELOR OF EDUCATION ARTS

EPSC 311: MEASUREMENT AND EVALUATION

STREAMS: BED (ARTS) LIIBII P/T

TIME: 2 HOURS

DAY/DATE: TUESDAY 14/04/2020

8.30 AM – 10.30 AM

**INSTRUCTIONS:**

- Answer Question One and any other Two
- Do NOT write on the question paper

**Question One (30 Marks)**

1. (a) Distinguish measurement and evaluation. [6 marks]
- (b) Describe any five principles of evaluation that are used in educational institutions. [10 marks]
- (c) Explain any six characteristics of a good test. [12 marks]
- (d)

|   |    |    |    |    |    |    |    |
|---|----|----|----|----|----|----|----|
| x | 10 | 12 | 14 | 15 | 17 | 21 | 25 |
| f | 6  | 5  | 4  | 20 | 10 | 3  | 2  |

From the table above,

- (i) Find the range [2 marks]
- (ii) Compute the mean [4 marks]
- (iii) Variance and standard deviation [4 marks]

**Question Two (20 Marks)**

- (a) Mr. Omondi is a newly recruited TSC teacher in Jamhuri high school. He teaches geography and C.R.E. Advise him on the importance of table of specification in test planning for his classes. [10 marks]

- (b) Describe any four quantitative methods applied in selection of test items. [10 marks]

**Question Three (20 Marks)**

- (a) Define validity and explain any three types of validity. [8 marks]
- (b) Evaluate Bloom's taxonomy domains in defining the purpose of a test in secondary schools in Kenya. [12 marks]

**Question Four (20 Marks)**

- (a) Describe any five types of tests that are administered in secondary schools in Kenya. [10 marks]
- (b) Examine any five guidelines that teachers should use during administration of tests in high schools in Kenya. [10 marks]
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