

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR
OF EDUCATIONARTS

EPSC 311: MEASUREMENT AND EVALUATION

STREAMS: BED (ARTS) KIII BIII (SB/PT)

DAY/DATE: TUESDAY 20/7/2021

TIME: 2 HOURS

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS:

- Answer question ONE and any other TWO
- Do not write on the question paper

QUESTION ONE (30 MARKS)

- (a) Distinguish these terms:
- (i) Measurement and evaluation
 - (ii) Examination and testing
 - (iii) A test and an exam
 - (iv) Summative and formative evaluation [16 marks]
- (b) The following set of scores was obtained from a mathematics F1 class in Gachie secondary.

Use the data to answer the following questions

Compute;

- (i) The mean [3 marks]
- (ii) Median [2 marks]
- (iii) Mode [2 marks]
- (iv) Variance [3 marks]
- (v) Standard deviation [2 marks]
- (vi) Range [2 marks]

EPSC 311

40	55	44	50	61
60	51	35	51	70
71	62	40	67	83
43	44	30	59	55
62	30	44	40	60
72	50	50	39	71
39	72	64	48	54
40	63	60	36	60
69	80	81	40	72
64	74	74	51	83

[14 marks]

QUESTION TWO (20 MARKS)

- (a) Discuss the five principles of evaluation [10 marks]
- (b) Mr. Kazungu is a newly recruited TSC teacher who has been posted to Kilimo high school. Advise him on the five characteristics of a good test as he sets the physics exam

[10 marks]

QUESTION THREE (20 MARKS)

- (a) “Competency based curriculum advocates for performance tests” highlight any four advantages of such tests [8 marks]
- (b) When a teacher is constructing a test he/she must be guided by some cognitive affective or psychomotor domains. Discuss any six cognitive domain areas that are provided in Blooms taxonomy. [12 marks]

QUESTION FOUR (20 MARKS)

- (a) Why should a teacher use a Table of Specification when constructing any test? [10 marks]
- (b) Describe any two quantitative methods and three qualitative methods applied in selection of test items [10 marks]
-