

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF EDUCATION
ARTS**

EPSC 311: MEASUREMENT AND EVALUATION

STREAMS: BED ARTS (PART TIME)

TIME: 2 HOURS

DAY/DATE: MONDAY 29/03/2021

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS:

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

- Q1. (a) Explain the meaning of the following terms showing their relationship. (8 marks)
- (i) Measurement
 - (ii) Evaluation
 - (iii) Testing
 - (iv) Examination
- (b) Discuss five principles of evaluation. (10 marks)
- (c) Explain four types of measurements. (8 marks)
- (d) State four factors to be considered during test construction. (4 marks)
- Q2. (a) Discuss five characteristics of a good test. (10 marks)
- (b) Explain to a new unexperienced teacher on how to administer a test. (10 marks)
- Q3. (a) Explain five reasons why it is important to prepare a table of specification. (10 marks)
- (b) John gave a test to his form two students and the following were the results ($\frac{x}{50}$)
21,28,44,20,30,18,36,35,23,30,26,44,21,30,42,48,30,22,34,30.
Using the results, calculate:

- (i) The mean in percentage (%) (3 marks)
 - (ii) The mode (1 mark)
 - (iii) The median (2 marks)
 - (iv) The range in percentage (%) (2 marks)
 - (c) Make a brief comment on the general performance of these students. (2 marks)
- Q4. (a) Differentiate between qualitative and quantitative methods of selecting test items. (4 marks)
- (b) (i) What is the test validation? (2 marks)
 - (ii) Explain three types of validity. (6 marks)
 - (c) Discuss four types of tests. (8 marks)
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