

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE
OF BACHELOR OF EDUCATION (ARTS)

EPSC 311: MEASUREMENT & EVALUATION

STREAMS: BED (ARTS) LIII BI (PART TIME)

TIME: 2 HOURS

DAY/DATE: FRIDAY 07/12/2018

11.30 A.M. – 1.30 P.M.

INSTRUCTIONS:

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

QUESTION ONE (COMPULSORY) – 30 MARKS

- (a) Differentiate the following terms:
- (i) Measurement and Evaluation [12 marks]
 - (ii) Assessment and Examination
 - (iii) Ratio scale and Nominal
- (b) State any four principles of evaluation used in Kenyan secondary schools [8 marks]
- (c) Use the table below to answer the following questions

x	20	40	70	80	30	50	60
f	5	6	2	2	10	20	5

- (i) Determine the mean using frequency distribution table [4 marks]
- (ii) Calculate the variance and standard deviation [4 marks]
- (iii) Determine mode and median [2 marks]

QUESTION TWO (20 MARKS)

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- (a) Compare and contrast:
- (i) Power tests and speed tests
 - (ii) Ability tests and achievement tests
 - (iii) Essay tests and objective test
 - (iv) Vivo tests and written tests
 - (v) Performance tests and power tests [10 marks]
- (b) Examine the role of the table of specification in planning a test [10 marks]

QUESTION THREE (20 MARKS)

- (a) Juma is a chemistry teacher in Juja high school. Advise him on issues to consider when administering his exam to for two class [10 marks]
- (b) Discuss the role of any three quantitative methods of data analysis [10 marks]

QUESTION FOUR

- (a) Why is evaluation key in any educational programme? [10 marks]
- (b) Critique Blooms taxonomy in test planning [10 marks]
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