



RONGO
UNIVERSITY

OFFICE OF THE DEPUTY VICE CHANCELLOR- ACADEMICS AND STUDENTS AFFAIRS

UNIVERSITY EXAMINATIONS

2016/2017 ACADEMIC YEAR

SECOND YEAR SECOND SEMESTER SPECIAL /SUPPLEMENTARY
EXAMINATION

FOR

DEGREE

IN

BACHELOR EDUCATION ARTS

COURSE CODE: PSY 311

COURSE TITLE: EDUCATIONAL ADMINISTRATION AND MANAGEMENT

DATE: 7/11/2017

TIME: 9.00AM-12.00PM

INSTRUCTIONS TO CANDIDATES

- Answer any **FOUR** questions
- Do not write on the question paper
- Marks are shown at the end of each question
- Show workings in the answer booklet for award of full marks
- Mobile phones are not allowed in the examination venue
- Each question should begin on a fresh page
- Duration is **3 hours**

THIS PAPER CONSISTS (4) PRINTED PAGES

PLEASE TURN OVER

2016/2017 ACADEMIC YEAR
BACHELOR OF EDUCATION (ARTS)
SECOND YEAR SECOND SEMESTER
SPECIAL/SUPPLEMENTARY EXAMINATION
PSY 311: MEASUREMENT AND EVALUATION

INSTRUCTIONS

Answer any **FOUR** Questions

QUESTION ONE

- a) Define the term Examination? (2 ½ Marks)
b) The scores below were extracted from a Social Studies results for one of the schools in Migori County.

Class	Frequency
41-50	1
51-60	2
61-70	6
71-80	8
81-90	10
91-100	13

- i. Construct a histogram for this distribution (4 Marks)
ii. Compute a complete frequency distribution table (3 Marks)
iii. Estimate the true mean for this distribution (2 Marks)
iv. Calculate the variance for this distribution. (3 Marks)
v. Determine the median score. (3 Marks)

QUESTION TWO

- (a) Compute the interquartile range of the data below. (4 Marks)

89, 96, 84, 68, 72, 49, 84, 73, 80, 41, 14, 57, 85, 26

- (b) Discuss the following giving relevant examples
- i). Diagnostic evaluation (3 marks)
ii). Summative evaluation (4 marks)
c). Give six disadvantages of norm-referenced tests (6 marks)

QUESTION THREE

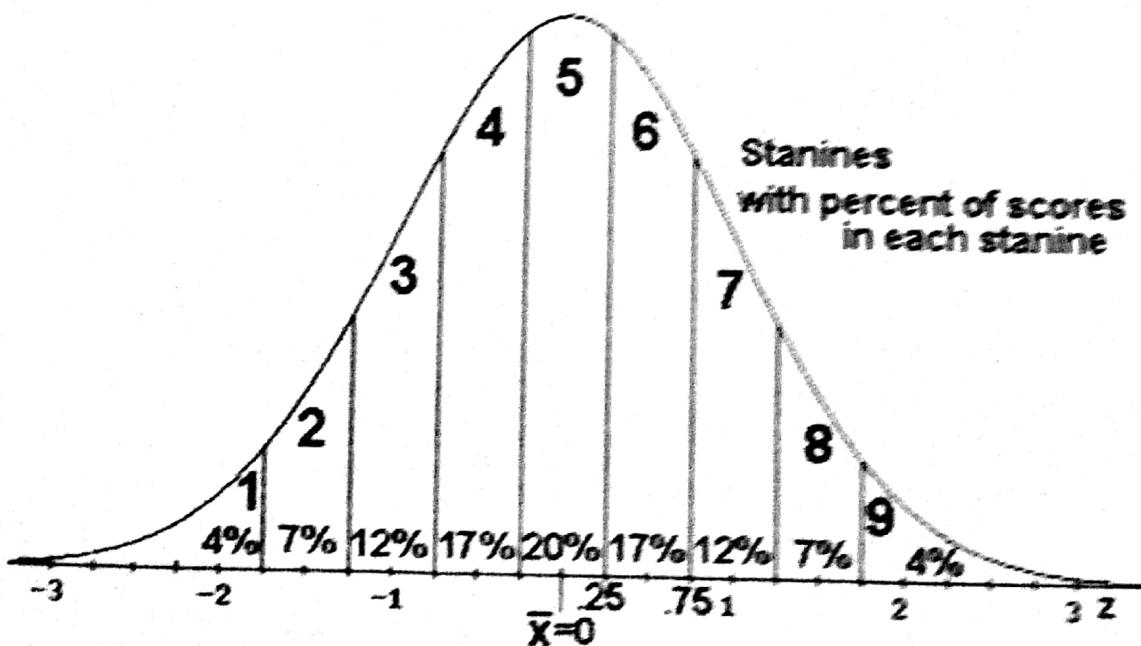
- a) i. What is Ceiling effect as used in result analysis (2 marks)
ii. Give four implications of Ceiling effects (4 marks)
- b) Scores on the college entrance exam are normally distributed with a mean of 42 and standard deviation of 10
- i) What is the minimum score to be in the top 5% in this score distribution? (3 ½ Marks)
- ii) John has a raw score of 75. Standardize this score. (2 Marks)
- iii) What raw score forms the middle 60% of this distribution? (3 Marks)
- iv) What is the 40th percentile in this examination? (3 Marks)

QUESTION FOUR

- a) i) Outline the procedures for constructing essay tests (8 Marks)
ii) Explain how you can increase the objectivity of essay scoring (5 Marks)
- b) Give 4 reasons why multiple choice questions are not commonly used in High school (4×2 Marks)

QUESTION FIVE

- a) Explain the following terms: i. Stanine ii. Standard score iii. Item analysis
iv. Validity (8 ½ Marks)
- b) Each year students are tested and parents wish to understand the scores. This year's Maths grades were normally distributed with a mean of 55 and a standard deviation of 10. Use stanines to explain to the parents how well their children did if the scores for 4 children were 94, 43, 26, and 70. Use the distribution curve below to assist (9 Marks)



QUESTION SIX

- a) Explain the qualities of a good examiner
- b) Discuss the appropriateness of teacher made tests

(7 ½ Marks)

(10 Marks)