



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF EDUCATION
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION
(ARTS) WITH IT
4THYEAR 1ST SEMESTER 2016/2017 ACADEMIC YEAR
KISII CAMPUS-SCHOOL BASED

COURSE CODE: PSY 410

COURSE TITLE: TESTS AND MEASUREMENT.

EXAM VENUE:

STREAM: (BED)

DATE:

EXAM SESSION: DECEMBER 2016

TIME: 2 HOURS

Instructions:

- 1. Answer Question ONE (COMPULSORY) and ANY other 2 questions**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

QUESTION 1

In Kisii High School, the marks for an English Examination are as shown below;

Class	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84
Frequency	5	5	7	6	13	3	5	3	3

- i) Calculate the;
 - a) Mode (2mks)
 - b) Mean (5mks)
 - c) Median (5 mks)

- ii) Give a brief description of the result (5 mks)
- iii) In a class of 45 students, 30 students got a question correctly. Calculate the difficulty index. Discuss your result. (3 mks)
- iv) a) Define reliability (2mks)
 - b) Briefly discuss four factors influencing reliability (8 mks)

QUESTION 2

- a) Discuss the importance of tests in schools (10mks)
- b) Discuss the characteristics of a good test (10mks)

QUESTION 3

- a) Differentiate between criterion and norm referenced testing (10mks)
- b) Discuss the uses of tests in an education system (10mks)

QUESTION 4

- a) Discuss the educational objectives according to Bloom's taxonomy (10 mks)
- b) Describe a normal distribution with the help of a diagram. (10mks)

QUESTION 5

The following were marks scored in English test by 40 pupils

Marks	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89
Frequency	2	6	6	4	6	11	2	2	2

Calculate the

i) Standard deviation (10 mks)

ii) Variance (5 mks)

iii) Briefly explain your answer (5 mks)