



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HUMANITIES AND SOCIAL SCIENCES
UNIVERSITY EXAMINATION FOR THE BACHELORS DEGREE IN EDUCATION
SCIENCE/ARTS
3RD YEAR 1ST SEMESTER 2013/2014 ACADEMIC YEAR
MAIN SCHOOL BASED

COURSE CODE: NGE 301

COURSE TITLE: QUANTITATIVE TECHNIQUES

EXAM VENUE: LR 2

STREAM: (BSc. Arts)

DATE: 30/4/2014

EXAM SESSION: 9.00 – 11.00 AM

TIME: 2 HOURS

Instructions:

- 1. Answer question 1 (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.**

1. (a) Define the term
 - (i) Parameter
 - (ii) Sampling Error
 - (iii) Variable
 - (iv) Probability Distribution
 - (v) Normal Curve
- (b) State four uses of Quantitative technique in Geographical investigations (30 marks)
2. Write Short notes on:
 - (i) Probability distribution
 - (iii) Display of a statistical data (20 marks)
3. Discuss methods of organizing and presentation of quantitative data. (20 marks)
4. Discuss the role of statistics in geographical studies. (20 marks)
5. Discuss briefly the importance of the normal curve in sampling (20 marks)