



**JARAMOGI OGINGA ODINGA UNIVERSITY OF AGRICULTURE AND
TECHNOLOGY**

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION
(ARTS)**

1st YEAR 1st SEMESTER 2017/2018 ACADEMIC YEAR

MAIN CAMPUS

COURSE CODE: NGE 102

COURSE TITLE: MAP INTERPRATATION AND DESCRIPTIVE STATISTICS

VENUE:

DATE:

EXAM SESSION:

TIME: 2 HOURS

INSTRUCTIONS

1. This paper consists of Five (5) questions.
2. Answer question 1(COMPULSORY) and Any other **Two** questions.
3. Write all answers in the answer booklet provided.

1.

- a) Discuss briefly the scope and limitations of using maps (10 marks)
- b) Identify features usually depicted on topographic maps and explain why they should be studied (10 marks)
- c) With the aid of examples and illustrations discuss any 4 descriptive statistical methods applicable to geographical studies (10 marks)

2. Describe the purpose and procedures in conducting a nearest neighbour analysis (20 marks)

3. a) Discuss any three methods of organizing and presentation of data (10 marks)

b) Give the hypothetical rainfall distribution in millimetres as follows

2.1	1.7	2.7	3.2	0.3	1.4	2.6	1.1	2.6	3	2.8
3.2	4	2.1	2	3.3	3.8	0.6	4.4	3.8	3.1	0.2
3.4	2.5	0.4	0.7	2.4	2.8	0.7	2.3	0.3	2.1	

Construct a suitable table to show above data and compute the modal value (10 marks)

4. Discuss the application of network analysis to study spatial transport network of a region (20 marks)

5. Describe and specify appropriate use of any 4 sampling techniques (20 marks)