



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

**SCHOOL OF HUMANITIES AND SOCIAL SCIENCES**

**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION  
ARTS WITH IT**

**4<sup>th</sup> YEAR 1<sup>st</sup> SEMESTER 2019/2020 ACADEMIC YEAR**

**MAIN CAMPUS (SCHOOL BASED)**

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**COURSE CODE: NGE 402**

**COURSE TITLE: ENVIRONMENTAL CONSERVATION**

**VENUE:**

**DATE: 19/08/19**

**EXAM SESSION: 9.00 – 11.00am**

**TIME: 2 HOURS**

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**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 examination booklets to the invigilator while in the examination room.**

### **Question 1**

(a) 'Understanding the concept of ecosystem helps in environmental conservation.' Discuss.

(10 marks)

(b) Examine the effects of agricultural practices on the spheres of the Earth.

(10marks)

(c) How has the Water hyacinth impacted the aquatic environment of Lake Victoria? (10 marks)

### **Question 2**

Assess the role of afforestation programmes in environmental conservation.

(20 marks)

### **Question 3**

Discuss various ways of conserving soil resource in Africa.

(20 marks)

### **Question 4**

'Human-wildlife conflict has been in existence for as long as humans and wildlife shared the same landscape.'

In view of the above statement, critically examine the causes and consequences of human-wildlife conflicts.

(20 marks)

### **Question 5.**

You have been appointed the water sanitation and environment officer by Siaya County Government. Explain the problems of poor solid waste disposal and measures you would put in place to alleviate the same.

(20 marks)