

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

RESIT/SPECIAL

**FIRST YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE
IN ENVIRONMENTAL SCIENCE**

ENSC 100: ENVIRONMENTAL EDUCATION

STREAMS: B.Sc. (ENSC)

TIME: 2 HOURS

DAY/DATE: MONDAY 01/02/2021

2.30 P.M. – 4.30 P.M.

INSTRUCTIONS:

- Answer All Questions in Section A and any Two questions in section B
- Do not write anything on the question paper

SECTION A (30 MARKS)

Q1. Define the following terms

- a) Environmental education **[2 marks]**
- b) Sustainable Development **[2 marks]**
- c) Biomes **[2 marks]**

Q2. List various levels of biodiversity **[2 marks]**

Q3. List various biomes **[3 marks]**

Q4. Explain what you understand by '3Rs' concept in waste management **[4 marks]**

Q5. Briefly explain the role of Non-Governmental organizations (NGOs) in environmental management in Kenya **[5 marks]**

Q6. Briefly explain various phases in Disaster Preparedness and Management **[5 marks]**

Q7. Briefly discuss five factors that constraint sustainable development in Sub-Saharan Africa **[5 marks]**

SECTION B (40 MARKS)

Q8. (a) Briefly explain the effects of Eutrophication **[10 marks]**

(b) Briefly explain the reasons for high fertility rates in most developing countries
[10 marks]

Q9. (a) Briefly discuss the effects of ozone layer depletion **[10 marks]**

(b) Discuss various natural disasters **[10 marks]**

Q10. Discuss the Effects of climate change and global warming **[20 marks]**
