



**KENYATTA UNIVERSITY**

**UNIVERSITY EXAMINATIONS 2020/2021**

**CONTINUING EDUCATION PROGRAMME (CEP) DECEMBER 2020 SESSION**

**EXAMINATION FOR THE DEGREE OF MASTER OF EDUCATION**

**EED 827: CLIMATE CHANGE AND HEALTH IMPACTS**

**DATE: Friday, 9<sup>th</sup> April 2021**

**TIME: 2.00 p.m. - 5.00 p.m.**

**INSTRUCTIONS:**

**Answer Question ONE and any other FOUR**

1. Explain each of the following concepts:
  - (i) Vulnerability to climate change. (4 marks)
  - (ii) Extreme weather event. (4 marks)
  - (iii) Vector borne disease (4 marks)

(b) Contextualize and differentiate between anthroponoses and zoonoses. (10 marks)
2. " In 1900 malaria covered about 58% of the Earth's land surface, but only about 30% at the start of the Twenty-First Century (Gething et al, 2010)". Critically discuss the interventions that have made this possible despite global warming and climate change. (12 mark)
3. Discuss global warming and ground level ozone effects on human health. (12 marks)
4. Discuss the effects of global warming on food and water-borne diseases. (12 marks)
5. Discuss risk factor linkage with reference to an identified vector-borne disease other than malaria. (12 marks)
6. Discuss TWO soil beneficial effects accompanying floods and landslide events. (12 marks)
7. Critically discuss THREE indirect health impacts associated with floods. (12 marks)