



*(Knowledge for Development)*

# **KIBABII UNIVERSITY**

## **UNIVERSITY EXAMINATIONS**

**SEMESTER 1 - 2021/2022 ACADEMIC YEAR**

**FIRST YEAR - FIRST SEMESTER**

**MAIN EXAMINATION**

**FOR THE DEGREE OF BACHELOR OF SCIENCE IN BIOLOGY**

**COURSE CODE: SBL 111**

**COURSE TITLE: HUMAN HEALTH**

**DATE: 1<sup>ST</sup> FEBRUARY 2022**

**TIME: 8.00 – 10.00 AM**

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### **INSTRUCTIONS TO CANDIDATES**

Answer question **ONE** [1] and **ANY** other **TWO** [2] questions

TIME: 2 Hours

This paper consists of 2 printed pages. Please Turn Over



## KIBU observes ZERO tolerance to examination cheating

### Question 1

- a) Explain the difference between Type 1 and Type 2 diabetes (5 marks)
- b) By use of relevant examples, describe the various types of cardiovascular diseases (5 marks)
- c) Differentiate between modifiable and non-modifiable risk factors that cause life-style diseases (5 marks)
- d) Outline the mental effects of drugs and substances abuse (5 marks)
- e) By use of a well labelled diagram, describe how *Plasmodium falciparum* causes malaria (5 marks)
- f) Name 2 types of bacteria that infects the digestive system of human and 3 types of diseases caused by these bacteria (5 marks)

### Question 2

Discuss the relationship between environmental health and human health (20 marks)

### Question 3

Outline 5 roles of World Health Organization (WHO) in addressing human health issues (20 marks)

### Question 4

Discuss the best practices in prevention and management of common Sexually Transmitted Diseases (STDs) in Africa (20 marks)

### Question 5

Describe the role of National Campaign Against Drug Abuse (NACADA) in Kenya (20 marks)