

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE  
OF BACHELOR OF SCIENCE IN BIOMEDICAL TECHNOLOGY**

**BMET 340: DRUG AND FOOD STANDARDIZATION**

**STREAMS: BSC (BMET) Y3S2**

**TIME: 2 HOURS**

**DAY/DATE: MONDAY 06/04/2020**

**11.30 A.M. – 1.30 P.M.**

**INSTRUCTIONS**

- i. Answer Question One and any other Two Questions**
- ii. Do not write on the question paper**

**QUESTION ONE (30 MARKS)**

- a. Outline the importance of food standards. (4marks)
- b. Describe briefly the classification of standards. (5 marks)
- c. Explain the benefits of International Organization for Standardization (ISO) standards. (6 marks)
- d. Describe the role of CODEX in formulation of international food standards. (5 marks)
- e. Describe the consequences of stimulant use and abuse. (5marks)
- f. Explain the possible negative effects of using aspartame and monosodium glutamate as flavouring and sweeteners. (5 marks)

**QUESTION TWO (20 MARKS)**

- a. Describe briefly the various important ISO standards related to food safety.(10 marks)
- b. Describe the aims and objectives of KEBS. (10 marks)

**QUESTION THREE (20 MARKS)**

- a. Explain the functions of pharmacy and poisons board of Kenya as stated in the pharmacy act. (10 marks)
- b. Discuss the effects of agricultural residues on food chain and environment.(10 marks)

**QUESTION FOUR (20 MARKS)**

- a. CNS depressants are among the most commonly abused prescription drugs. Discuss  
(10marks)
  - b. Using specific examples explain sources and possible negative effects of various food preservatives. (10 marks)
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