



MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

P.O. Box 972-60200 – Meru-Kenya.

Tel: +254(0) 799 529 958, +254(0) 799 529 959, +254 (0)712 524 293

Website: www.must.ac.ke Email: info@mucst.ac.ke

UNIVERSITY EXAMINATIONS 2022/2023

FOURTH YEAR SECOND SEMESTER EXAMINATIONS FOR THE DEGREE OF
BACHELOR OF SCIENCE IN FOOD SCIENCE AND MANAGEMENT

AFM 3450: CONTEMPORARY ISSUES IN FOOD INDUSTRY

DATE: APRIL 2023

TIME: 2 HOURS

INSTRUCTIONS: Answer Question ONE and any other TWO questions.

QUESTION ONE (30 MARKS)

- a) Define the following terms as applied in food industry (5marks)
 - i. Food safety
 - ii. Commerce
 - iii. E-procurement
 - iv. Intranet
 - v. Extranet
- b) Explain the need for global standard in food industry (5marks)
- c) Identify three key beneficiaries of ISO standards (6marks)
- d) Outline four benefits of E-procurement (4marks)
- e) Describe five advantages of E-Commerce to:
 - i. The sellers (5marks)
 - ii. The buyers (5marks)

QUESTION TWO (20 MARKS)

- a) Describe the four different perspectives of E-commerce (8marks)
- b) Causes of post-harvest losses in Kenya are classified into four categories. Discuss them while giving appropriate examples (12marks)

QUESTION THREE (20 MARKS)

- a) Discuss five post-harvest technologies that are used in food industry (15marks)
- b) Elucidate five modes of electronic payments used by business organizations(5marks)

QUESTION FOUR (20 MARKS)

- a) Identify five key challenges facing agricultural biotechnologies in developing countries (10marks)
- b) Analyze five forms of cybercrime experience in E-commerce (10marks)