



FACULTY	AGRICULTURE, ENGINEERING AND NATURAL SCIENCES		
SCHOOL	AGRICULTURE AND FISHERIES SCIENCES		
DEPARTMENT	FOOD SCIENCE AND SYSTEMS		
SUBJECT	QUALITY MANAGEMENT SYSTEMS		
SUBJECT CODE	AFST 3841		
DATE	JUNE 2024		
DURATION	2 HOURS	MARKS	100

SECOND OPPORTUNITY EXAMINATION

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This question paper consists of **ONE (1)** page excluding this front page.

Instructions:

- Answer all **five (5)** questions

QUESTION 1

- a) Summarise the overall scope of quality management systems in the food industry. [6]
- b) Use the phrases “find the defects and prevent the defects” to discuss and differentiate between quality control and quality assurance. [6]
- c) In food quality management, HACCP is viewed to have a management focus where as GMP has more of a technological focus. Use appropriate examples to justify this statement. [8]

QUESTION 2

- a) Briefly, discuss any three (3) components of a typical Standard Operating Procedure (SOP). [9]
- b) Explain the need for global harmonisation of food safety. [5]
- c) Describe the role of International Plant Protection Convention in food safety and security. [6]

QUESTION 3

- a) Describe any three (3) tools used in measuring ISO 9001 effectiveness in food industries. [10]
- b) Discuss any three (3) negative impacts food industries have on the environment and any two (2) interventions that can be employed to mitigate those impacts. [10]

QUESTION 4

- a) Outline and explain any three (3) areas of consideration for continuous improvements in a small-to-medium food enterprise. [10]
- b) Write short notes on Global Food Safety Initiative (GFSI). [5]
- c) Briefly discuss the importance of impartiality in food testing laboratories. [5]

QUESTION 5

- a) Inspection services is one of the key elements of any national food control systems. By giving three (3) relevant examples, describe food inspection service in the Namibian context. [7]
- b) Discuss the Critical Control Point of the HACCP system. [13]

END OF EXAMINATION!