



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

FIRST 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) Quality control is viewed as an on-going process of evaluating performance, and taking corrective action where necessary. Use relevant examples to justify this statement. [6]
- b) Discuss the importance of food quality and safety in the food industry. [9]
- c) Briefly, explain the importance of leadership in quality management. [5]

QUESTION 2

- a) Write short notes on each of the following:
 - i) Food defence [5]
 - ii) GLOBALG.A.P [5]
 - iii) Deming cycle [5]
 - iv) ISO 14000 [5]

QUESTION 3

- a) Identify any three (3) public institutions involved in the Namibian national food control systems. Include a brief explanation of the roles of each entity in the control and regulation of food in Namibia. [8]
- b) Discuss the monitoring step of the HACCP system. [6]
- c) Differentiate between a Control Point and a Critical Control Point of the HACCP plan. [6]

QUESTION 4

- a) Describe any three (3) quality control measures of importance in the production of clear apple juice. [9]
- b) Discuss the importance of obtaining ISO/IEC 17025:2017 accreditation for food testing laboratories. [6]
- c) Write short notes on Codex Alimentarius Commission. [5]

QUESTION 5

- a) Describe any three (3) categories of Good Manufacturing Practices (GMPs). [10]
- d) Discuss the role of British Retail Consortium (BRC) and Fast Moving Consumer Goods (FMCG) in global food supply chain. [10]

END OF EXAMINATION!