

The Open University of Sri Lanka
 Faculty of Engineering Technology
 Department of Agricultural & Plantation Engineering



Study Programme	: Bachelor of Industrial Studies Honours (Agriculture)
Name of the Examination	: Final Examination
Course Code and Title	: AGX5277 Food Safety and Quality Management Systems
Academic Year	: 2021/2022
Date	: 10 th February 2022
Time	: 9.30-12.30hrs
Duration	: 3 hours

Index No. -----

SECTION 2: Answer any four (04) questions.

1. a) List 7 principles of HACCP which can prevent and control hazards of food chain?
(5 Marks)
- b) List 10 Clauses of ISO 22000:2018 (5 Marks)
- c) Briefly discuss which HACCP clause integrated in to ISO 22000:2018 principles.
(15 Marks)

2. a) List five (05) SLSI certified product categories available in the market?
(10 Marks)
- b) Briefly discuss the steps involved in obtaining product certification for a newly developed breakfast cereal?
(15marks)

3. Explain how did imported coconut oil contain aflatoxin, if they obtained FSMS certification before exportation?
(25 Marks)

4. Discuss the importance of obtaining Good Agricultural Practices (GAP) certificate for a vegetable farm? (25 Marks)

5. Write short notes on the following topics (12.5 Marks each)
 - (a) Role of Codex Alimentarius Commission
 - (b) Role of Sri Lanka Standard Institution.

6. Critically discuss the role of the World Trade Organisation and the Codex Alimentarius Commission in controlling food safety and the Food trade. (25 Marks)