

BINDURA UNIVERSITY OF SCIENCE EDUCATION

FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE

MFS504

Department of Agricultural Economics Education and Extension

Masters In Food Security

Part 1 Examination

Food Safety Preparation and Human Nutrition

3 HOURS (100 Marks)

INSTRUCTIONS

Answer all questions in **Section A** and any **TWO** Questions from **SECTION B**. Each question carries **25 marks**.

SECTION A: Compulsory

1. (a) In accordance to Part II Section 4 of the Foods and Food Standard Act 15:04 discuss:
 - (i) Adulterated food. **[14 marks]**
 - (ii) Falsely described food. **[11 Marks]**
- (b) Discuss how one would implement a HACCP plan at company canteen from point of receiving the main ingredients meat up to serving food. **[25 marks]**

SECTION B: Answer any TWO questions

2. Discuss food poisoning under the headings:
 - (a) Causative **[5 Marks]**
 - (b) Signs and symptoms, **[10 Marks]**
 - (c) Prevention and assistance rendered to affected person(s). **[10 Marks]**
3. Discuss sitting and design considerations of food premises **[25 marks]**
4. Discuss the five keys to safer food that were promulgated by World Health Organization (WHO, 2001). **[25 Marks]**

End of Paper