

**BINDURA UNIVERSITY OF SCIENCE EDUCATION**  
**FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE**

**MFS 504**

**Department of Agricultural Economics, Education and Extension**  
**MSc in Food Security and Sustainable Agriculture Part I Examination**  
**Food Safety, Preparation and Human Nutrition**

**3 HOURS (100 Marks)**

**INSTRUCTIONS TO CANDIDATE**

Answer question **ONE** from **SECTION A** and any **TWO** questions from **SECTION B**.

**SECTION A (COMPULSORY)**

1. a) Discuss the meaning of adulteration as per the Food and Food Standards of Zimbabwe section 4. [25 Marks]
- b) Discuss HACCP stages 1-5. [25 Marks]

**SECTION B**

2. Discuss the methods of inspection of fish and indications of spoilage. [25 Marks]
3. Produce a floor plan for any commercial food premises. [25 Marks]
4. Discuss the siting and design considerations of food premises. [25 marks]

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