

**Bindura University of Science Education**  
**Faculty of Agriculture and Environmental Science**  
**MFS 506**

NOV 2023

**Department of Agricultural Economics, Education and Extension**  
**MSc in Food Security and Sustainable Agriculture Part I Examination**  
**Food Systems and Value Chain Management**

**3 HOURS (100 Marks)**

**INSTRUCTIONS TO CANDIDATE**

Answer questions 1 and 2 from **SECTION A** and any **TWO** questions from **SECTION B**.

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**SECTION A (COMPULSORY)**

1. Relate the impact of the following to the Zimbabwean food system:

- |                       |                  |
|-----------------------|------------------|
| i) Weather disasters  | <b>[5 marks]</b> |
| ii) Health pandemics  | <b>[5 marks]</b> |
| iii) War              | <b>[5 marks]</b> |
| iv) Technology drift  | <b>[5 marks]</b> |
| v) Economic down turn | <b>[5 marks]</b> |

2. Use Porter's model to explain how value chain management of an organisation of your choice can be sustained. **[25 marks]**

**SECTION B**

3. Discuss five factors which influence the food system of your local community.

**[25 marks]**

4. Rural development along agriculture production model will not end poverty and inequality alone. Agribusiness and value chain management can assist Zimbabwe economy reach a middle-class status by 2030. Explain.

**[25 marks]**

5. Discuss strategies that enhance social responsibility in an organisation of your choice.

**[25 marks]**

**End of Paper**