

BINDURA UNIVERSITY OF SCIENCE EDUCATION
FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE

MFS 506

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)

5 - DEC 2021

INSTRUCTIONS TO CANDIDATES

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

SECTION A - COMPULSORY [50 marks]

1. a) Differentiate the following terms as used in food systems and value chain:
 - i. regional and global food systems [5 marks]
 - ii. conventional and alternative food systems [5 marks]
 - iii. value chain and supply chain [5 marks]
- b) Explain how the culture, economy, technology, politics and environment shape up the food system in Zimbabwe [10 marks]
2. Discuss any agrobusiness organisation of your choice which has managed to create competitiveness in the food industry. Concentrate on the primary activities of Michael Porter's value chain model. [25 marks]

SECTION B – Choose any two questions

3. Discuss the benefits of value chain analysis as an accounting tool on value chain management. [25 marks]
4. Analyse the impact of food safety, food law, branding, adulteration and food governance on the Zimbabwean food system. [25 marks]
5. Discuss the 4Cs in supply chain management with relevance to any organisation of your choice. [25 marks]

END OF PAPER