

**BINDURA UNIVERSITY OF SCIENCE EDUCATION**

**FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE**

**MFS 507**

**Department of Agricultural Economics, Education and Extension  
MSc in Food Security and Sustainable Agriculture Part I Examination  
Food Security and Vulnerability Assessment**

**3 HOURS (100 Marks)**

NOV 2023

**INSTRUCTIONS TO CANDIDATE**

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

**SECTION A (COMPULSORY)**

1. (a) Discuss the different phases of a food security assessment. **[30 marks]**  
(b) Discuss any 5 sampling methods you would use to select respondents during the food security assessment. **[20 marks]**

**SECTION B**

2. Discuss in detail any three anthropometric measures used to assess the nutritional status of children under 5 years old. **[25 marks]**
3. Compare and contrast the Household Food Insecurity Access Scale (HFIAS) and the Household Dietary Diversity Score (HDDS). **[25 marks]**
4. Discuss the key aspects evaluated during the first and second round of the Crop and Livestock Assessment in Zimbabwe. **[25 marks]**

**END OF PAPER**