

BINDURA UNIVERSITY OF SCIENCE EDUCATION

FACULTY OF AGRICULTURE AND ENVIRONMENTAL SCIENCE

MFS 503

**Department of Agricultural Economics, Education and Extension
MSc in Food Security and Sustainable Agriculture Part I Examination
Planning, Monitoring and Evaluation**

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. Design a proposal that would assist in setting up of a monitoring and evaluation system that can speak to the impact of climate change on food security.
 - i) Identify the stakeholders of the system and highlight their interest for food security issues, **[4 Marks]**
 - ii) Explain the methodology that you will use for collecting data of the M and E system **[8 Marks]**
 - iii) State five key questions to ask the target group concerning the M and E system. **[5 Marks]**
 - iv) Discuss the components of your M and E system. **[8 Marks]**
- b.
 - i) Discuss the linkages between Planning, Monitoring and Evaluation. **[10 Marks]**
 - ii) Discuss criteria used in evaluating the success of any project. **[15 Marks]**

SECTION B

2. Outline the steps of a results based monitoring and evaluation system. **[25 Marks]**
3.
 - i) Giving acceptable definitions, differentiate the following elements of project evaluation: - **outputs, outcome and impact.** **[9 marks]**
 - ii) Consider a food security program of providing horticultural technical and service assistance to smallholder farmers in your district. Identify and explain at least 4 examples of each of the following elements:

Inputs	[4 marks]
Outputs	[4 marks]
Outcomes	[4 marks]
Impacts	[4 marks]
4. Using a named example of a food security project, explain the essential elements and processes of conducting an **Economic Impact Assessment** under the following stages:

- (i) Screening
- (ii) Scoping
- (iii) Assessment
- (iv) Reporting and recommendations
- (v) Evaluation

[25 marks]

END OF PAPER