

# **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)**

**JUN 2024**

### **INSTRUCTIONS TO CANDIDATE**

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

#### **SECTION A (COMPULSORY)**

1. a. Explain the importance of baseline surveys in project management. **[10 Marks]**  
b. Your organisation wants to develop a project on climate smart livestock production project: Outline the following concerning this project:
  - i. impact statement **[2 Marks]**
  - ii. outcome **[2 Marks]**
  - iii. two outputs **[4 Marks]**
  - iv. four activities **[8 Marks]**
  - v. indicators for the two outputs **[2 Marks]**
  - vi. means of verification **[2 Marks]**
- c. Explain importance of monitoring and evaluation. **[5 Marks]**
- d. Explain how the theory of change can be used to support impact evaluations. **[15 Marks]**

#### **SECTION B**

2. a. Identify any five factors that support sustainability of a project. **[5 Marks]**  
b. Explain any five underlying principles of results based planning approaches. **[20 Marks]**
3. a. Explain the stage of Implementation of M&E Plan **[5 Marks]**  
b. Describe criteria for evaluating projects **[20 Marks]**

4. a. Using a named example of a food security project, explain the essential elements and processes of conducting a **Economic Impact Assessment** under the following stages:

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

**[20 marks]**

**END OF PAPER**