

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)

DEC 2021

INSTRUCTIONS TO CANDIDATE

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

SECTION A (COMPULSORY)

1. a. i) Explain the interlinkages and dependencies between Planning, Monitoring and Evaluation. [10 Marks]
- ii) List five questions that monitoring and evaluation will answer for a food security project/programme. [5 Marks]
- iii) There are two types of evaluations that can be used for project evaluation: internal and external. Explain the pros and cons for each. [10 marks]
- b. "A clear conceptualization of program **activities, inputs, outputs, outcomes and impacts** is an essential component of program monitoring and evaluation." Discuss this assertion in detail using a named example of a food security project. [25 marks]

SECTION B

2. Using a named example of a food security project, explain the essential elements and processes of conducting an **Environmental Impact Assessment** under the following stages:
 - (ii) Screening
 - (iii) Scoping
 - (iv) Assessment
 - (v) Reporting and recommendations
 - (vi) Evaluation[25 marks]
3. Design a proposal that would assist in setting up of a monitoring and evaluation system that can speak to the impact of ensuring food security.
 - (i) Identify the scope and objectives of the system, [5 Marks]
 - (ii) Draft a stakeholder analysis and highlight their interest for the food security project, [6 Marks]
 - (iii) State the methodology that you will use for collecting data of the M and E system [6 Marks]
 - (iv) State five key questions to ask the target group concerning the M and E system. [8 Marks]

4. Using a hypothetical example of a food security project M & E system, design a logical framework showing all its the critical components.

[25 Marks]

END OF PAPER