

GWANDA STATE UNIVERSITY



FACULTY OF NATURAL RESOURCE MANAGEMENT AND AGRICULTURE

DEPARTMENT OF HORTICULTURE AND CROP PRODUCTION

BACHELOR OF SCIENCE HONOURS DEGREE IN AGRICULTURAL ECONOMICS

Agricultural Project Management

NAE 2205

Second Semester First Segment Final Main Examination Paper

April 2025

Time Allowed: 3 hours

Total Marks: 100

Special Requirements: None

Examiner's Name: R. Foti

INSTRUCTIONS

1. Answer **all** questions in Section A
2. Answer **two** questions in Section B
3. Marks for each question or part question are indicated in parentheses.

MARK ALLOCATION

QUESTION	MARKS
SECTION A	60
SECTION B	40
TOTAL ATTAINABLE MARKS	100

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SECTION A: Answer ALL questions in this section

QUESTION 1

- a) Explain, giving agricultural examples, the difference between a project and a program. **[6]**
- b) Describe the process of project preparation. **[10]**

QUESTION 2

Explain the difference between financial and economic analyses of agricultural projects. **[4]**

QUESTION 3

Describe the process of determining economic values (shadow prices) in project economic analysis. **[10]**

QUESTION 4

Describe the following concepts as they apply to project management:

- a) Funds flow analysis **[5]**
- b) Farm investment analysis **[5]**

QUESTION 5

Explain in detail and using practical examples, the following concept in the management of agricultural projects:

- a) Internal rate of return **[10]**
- b) Net present value **[10]**

SECTION B: Answer any TWO questions from this section

QUESTION 6

Describe, giving examples relevant to developing country agriculture, the main characteristics of agricultural development projects. **[20]**

QUESTION 7

- a) Explain in detail, the 3 main limitations of cost benefit analysis. **[12]**
- b) Explain the rationale behind the following methods of program evaluation:
 - i) Difference in Differences **[4]**
 - ii) Matching **[4]**

QUESTION 8

Fully describe the following stages in the project life cycle:

- a) Project identification **[10]**
- b) Project appraisal **[10]**

END OF EXAMINATION PAPER