

GWANDA STATE UNIVERSITY



**FACULTY OF NATURAL RESOURCE MANAGEMENT
DEPARTMENT OF HORTICULTURE AND CROP PRODUCTION
BACHELOR OF SCIENCE HONOURS DEGREE IN CROP SCIENCE**

Agriculture Development

LCS 4206

First Semester Final Main Examination Paper

June 2023

This examination paper consists of 3 pages

Time Allowed: 3 Hours
Total Marks: 100
Special Requirements: None
Examiner's Name: T. Ndongwe

INSTRUCTIONS

1. Answer **all** questions in Section A
2. Answer **two** questions in Section B

MARK ALLOCATION

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

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SECTION A: Answer ALL questions in SECTION A

1. Citing relevant examples, distinguish between economic growth and economic development. **[8]**
2. Citing relevant examples, explain the role of agriculture in economic growth and development. **[10]**
3. Briefly discuss the use of the human development index (HDI) as a measure of human development in different countries **[6]**
4. Briefly discuss the following concepts as they relate to economic development:
 - a. Relative poverty; **[4]**
 - b. Absolute poverty. **[4]**
5. Explain the following terms as they relate to agricultural development:
 - a) Social sustainability **[4]**
 - b) Environmental sustainability; **[3]**
 - c) Economic sustainability **[3]**
6. According to Hick's theory some agricultural inputs have an inelastic supply resulting in high market prices. The high market prices of these inputs stimulate innovation by the public sector in a bid to find alternative and cheap inputs for farmers.
 - a) Explain the factors that make the supply of inputs inelastic. **[4]**
 - b) Outline the benefits of studying agricultural inputs with an inelastic supply in Zimbabwe. **[4]**
7. Explore any five prime movers of agricultural development in Zimbabwe. **[10]**

SECTION B: Answer TWO questions in SECTION B

8. Examine the effects of climate change on agricultural development and recommend possible adaptation strategies. **[20]**
9. Using appropriate examples, evaluate the extent to which the land reform policy has attained sustainability since 1980. **[20]**
10. Examine the appropriateness of applying Rostow's stages of growth in the context of the Zimbabwean economy since 1980. **[20]**
11. Citing relevant examples, discuss how agricultural development practitioners in Zimbabwe can circumvent the Malthusian paradox in the 21st century. **[20]**

END OF EXAMINATION PAPER