



GWANDA STATE UNIVERSITY
FACULTY OF LIFE SCIENCES
DEPARTMENT OF CROP SCIENCE
BACHELOR OF SCIENCE HONOURS DEGREE IN ANIMAL SCIENCE
LCS 2104 FARM MANAGEMENT
FIRST SEMESTER FINAL EXAMINATION PAPER
NOVEMBER 2019

This examination paper consists of 3 pages

Time Allowed: 3 hours
Total Marks: 100
Special Requirements: None

INSTRUCTIONS

1. Answer **ALL** questions in Section A
2. Answer any **THREE** questions in Section B

MARK ALLOCATION

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

SECTION A: ANSWER ALL QUESTIONS

1. Explain the following concepts in management of farm enterprises:
 - a. Resource allocation; [3]
 - b. Networking; and [3]
 - c. Shareholder value. [3]

2. Briefly explain the role of partial budgeting in the farm growth prospects. [6]

3. Outline any three (3) management functions clearly highlighting how these affect performance of start-up crop-livestock integrated farms in a perfectly competitive market. [9]

4. Explain three considerations when selecting strategies for managing a pen fattening project located in Insiza district. [6]

5. A livestock farmer decides to venture into commercial on-farm feed formulation using soyabean and maize as the main ingredients. The farmer has 10 hectares available to plant the soyabean and maize. He has to plant at least 7 hectares. However, he has only \$1200 to spend and each hectare of soyabean costs \$200 to plant and each hectare of maize costs \$100 to plant. The farmer also has to get planting done in 12 hours and it takes an hour to plant a hectare of soyabean and 2 hours to plant a hectare of maize. If the profit is \$500 per hectare of soyabean and \$300 per hectare of maize, mathematically formulate the:
 - a. Maximisation objective function; and [3]
 - b. Constraints. [7]

SECTION B: ANSWER ANY THREE QUESTIONS

6. Examine incentive compensation strategies that can be adopted by a farm manager for a poultry farm experiencing high staff turnover. [20]

7. Elaborate on the view that ‘an efficient information and communication system is the major determinant in the success of small emerging farms’ [20]

8. Discuss how government policy changes have affected the management of farm enterprises in semi-arid areas of Zimbabwe. **[20]**

9. Explore strategies that can be used by managers of small-scale crop-livestock integrated farms to mitigate against the risks of price cycles. **[20]**

10. Explain how transaction costs affect the efficiency of farm financial performance. **[20]**

END