

# WOMEN'S UNIVERSITY IN AFRICA



*Addressing gender disparity and fostering equity in University Education*

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## FACULTY OF AGRICULTURAL SCIENCES

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**BSc. Hons in ANIMAL SCIENCE**

**BSc. Hons in HORTICULTURE**

**BSc. Hons in AGRIBUSINESS MANAGEMENT**

### MAIN PAPER

**MSc:** ABM 111 Agriculture Practice

**INTAKE:** FIRST YEAR FIRST SEMESTER

**DATE:** TIME: 3 HOURS

### INSTRUCTIONS TO CANDIDATES

**Answer any four questions.**

1. a) Classify land according to capability classes and capability divisions showing the order of intensity of use from the least intense. [15 marks]  
b) Write short notes on  
i) Poultry biosecurity measures [5 marks]  
ii) Pig breeds [5 marks]
2. i) Discuss the animal slaughtering process explaining the appropriateness of the various aspects to the type of animal and purpose of slaughtering. [20 marks]  
ii) State the importance of good record keeping to farm management. [5 marks]
3. a) Explain the importance and application to farming, of the acronym N P K and the assigned numbers on fertilizer bags. [15 marks]  
b) Outlining the following agricultural practices mentioning the branch of agriculture they are carried out.  
i) grafting [2 marks]  
ii) culling [2 marks]  
iii) calibration [2 marks]  
iv) ensiling [2 marks]  
v) brooding [2 marks]
4. Explore the problems, causes and solutions in the dairy industry of Zimbabwe. [25 marks]
5. a) State the general principles for good crop production. [5 marks]  
b) Discuss the 'agribusiness system' as a way of enhancing agricultural productivity in Zimbabwe. [20 marks]
6. a) Outline all the standard agronomic practices required for successful tomato production. [15 marks]  
b) Construct a general routinal schedule for farm plant machinery and equipment service and maintenance protocol. [10 marks]