

# Mount Kenya University



UNIVERSITY EXAMINATION 2015/2016

SCHOOL OF PURE AND APPLIED SCIENCES  
DEPARTMENT OF ANIMAL HEALTH

BACHELOR OF EDUCATION SCIENCE  
SCHOOL BASED

UNIT CODE: BAG2207      UNIT TITLE: AGRICULTURE II (CROP FARMING)

DATE: DECEMBER 2015

MAIN EXAM

TIME : 2 HOURS

INSTRUCTIONS: ANSWER ALL THE QUESTIONS IN SECTION A AND ANY THREE IN SECTION B

## SECTION A: (40 MARKS)

1. Define the following giving <sup>an</sup> examples. *of each* (5 Marks)
  - (i) Perennial crops *ew*
  - (ii) Annual crops *ew*
  - (iii) Biennial crops *ew*
  
2. Explain the following (5 Marks)
  - (i) Mixed cropping
  - (ii) Intercropping
  - (iii) Agro-forestry
  - (iv) Relay cropping
  - (v) Mono cropping
  
3. Explain how wind affects crop production. (5 Marks)
  
4. Explain how species range and tolerance influence crop distribution. (5 Marks)

5. Briefly explain the importance of irrigating crops. (5 Marks)
6. Outline the approaches <sup>or</sup> intensive farming in increasing crop yields. (5 Marks)
7. Explain the importance of ploughing as a major activity in crop farming. (5 Marks)
8. Give any five classes of crops according to their agronomy. (5 Marks)

**SECTION B: (30 MARKS)**

9. Explain how weeds influence crop production. (10 Marks)
10. Describe the advantages of extensive farming has over intensive farming. (10 Marks)
11. Explain how to establish <sup>a named</sup> pasture in a farm. (10 Marks)
12. Explain five different ways through which soil losses its fertility. (10 Marks)