



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2017/2018 ACADEMIC YEAR
SECOND YEAR SECOND SEMESTER**

**SCHOOL OF BUSINESS AND ECONOMICS
BACHELOR OF SCIENCE IN AGRICULTURAL
ECONOMICS AND RESOURCES MANAGEMENT**

COURSE CODE: ARE 2206

COURSE TITLE: CROP PROTECTION

DATE: 24TH APRIL 2018

TIME: 0830 - 1030HRS

INSTRUCTIONS TO CANDIDATES

- Question **ONE** is compulsory.
- Answer any other **THREE** questions.

1. **a)** Explain the categorization of plant diseases. **(4 Marks)**
- b)** Explain the precautionary measures for control of pests in stored products. **(5 Marks)**
- c)** Explain the biological conditions that promote crop pests. **(8 Marks)**
- d)** Describe briefly the economic importance and control measures of the following pests:
- (i) Groundnut aphids. **(4 marks)**
 - (ii) Maize Stem borers. **(4 Marks)**
2. Discuss the effect of weeds on crop production. **(15 Marks)**
3. State the causal organism, symptoms and control measures of the following diseases:
- (i) Cassava Mosaic disease. **(5 Marks)**
 - (ii) Smuts disease of Maize. **(5 Marks)**
 - (iii) Root – Knot disease of Yam. **(5 Marks)**
4. Discuss the control measures to damage done to crops by:
- (i) Rodents. **(5 Marks)**
 - (ii) Birds. **(5 Marks)**
 - (iii) Nematodes. **(5 Marks)**
5. **a)** Explain the diseases of stored products. **(8 Marks)**
- b)** Explain the control measures of diseases of stored products. **(7 Marks)**

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