

CHUKA

UNIVERSITY



UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF MASTER OF SCIENCE IN CROP PROTECTION

AGRI 832: CROP DISEASE AND DISEASE CONTROL

STREAMS: MSc.

TIME: 3 HOURS

DAY/DATE: TUESDAY 09/04/2024

11.30 A.M. – 2.30 P.M.

INSTRUCTIONS TO CANDIDATES

SECTION A: COMPULSORY (20 MARKS)

1. a. Discuss the effects of disease pathogens on plant physiological functions. (10 marks)
- b. Discuss survival mechanisms of fungi (10 marks)

SECTION B: ANSWER ANY 2 QUESTIONS (40 MARKS)

2. Discuss management of post-harvest diseases of fruits and vegetables under the following sub-headings:
 - i. Causal agents (2 marks)
 - ii. Infection process (8 marks)
 - iii. Management (10 marks)
 3. a) Discuss how one would implement an integrated disease management programme for angular leaf spot of beans disease. Give reasons for control methods selected (15 marks)
 - b) Describe measurement of disease severity (5marks)
 4. Discuss factors affecting development of epidemics (20 marks)
-