



NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF AGRICULTURAL SCIENCES
CROP AND SOIL SCIENCES DEPARTMENT

EXAMINATION: 2021_1 POP EXAMINATION

COURSE CODE: CRP303

COURSE TITLE: PRINCIPLES OF CROP PROTECTION

INSTRUCTIONS: ANSWER FOUR (4) QUESTIONS. QUESTION 1 IS COMPULSORY AND ANY OTHER TWO (2) QUESTIONS

QUESTIONS

Instruction: Answer three questions in all; No. 1 is compulsory (30 Marks) and any other two questions (20 Marks each)

1. List three (3) general control measures of crop pests and explain any one (1) (5 marks)
 - b. Explain five (5) ways of controlling diseases of stored products (10 marks)
 - c. Write short notes on the following plant diseases (15 marks)
 - i. Endemic diseases
 - ii. Epidemic or epiphytotic diseases
 - iii. Infectious and non – infectious diseases
2.
 - a. What are pathogens? (2 marks)
 - b. Write incisively on three (3) categories of pathogens (9 marks)
 - c. Describe the following plant diseases:
 - i. Smut
 - ii. Scab
 - iii. Blotch (9 marks)
3.
 - a. How do Boring insects affect plant growth? (5 marks)
 - b. Explain five (5) general methods of crop pest prevention and control (15 marks)
4.
 - a. Briefly explain five (5) important pests of **cereal** crops (10 marks)
 - b. Give a detailed description of Cowpea bruchid *allosobruchus maculates* (10 marks)