

## NATIONAL OPEN UNIVERSITY OF NIGERIA FACULTY OF AGRICULTURAL SCIENCES DEPARTMENT OF CROP AND SOIL SCIENCE 2024 1 EXAMINATION

COURSE TITLE: PRINCIPLES OF CROP PROTECTION (2 CU)

COURSE CODE: CRP 303 TOTAL SCORE: 70 MARKS

INSTRUCTION: Answer 3 questions in all

Question 1 is compulsory (30 marks) and any other TWO questions (20 marks each)

TIME ALLOWED: 2 1/2 Hours

c. List the method of weed control in Preventive Wood Management	13marks 8marks 9marks
	Jimai Ks

2a. Evaluate "Millet head miner (Helioceilus albipunctella de Joannis)" as an insect pest of cereals in Nigeria. 14marks

b. Write very short notes on the following as symptoms of disease;

i. Sclerotia, iii. Necrosis, iii. Anthracnose 6marks

3a. Discuss "Contarinia coquillte" on the following headings;

i. common name	
ii. morphology	1marks
iii. mode of spread	2marks
iv. major and minor hosts	3marks
v. part of plant affected	1marks
vi. control	1marks
b. List the cultural control methods of Oryza sativa and O. sloberring white stem bores	6marks

b. List the cultural control methods of Oryza sativa and O. globerrima white stem borer (maliarpha separatella). 6marks

4a. Discuss the abiotic factors that cause diseases/disorders in plants. 14marks b. Enumerate the damages caused by storage pests. 6marks