



NATIONAL OPEN UNIVERSITY OF NIGERIA
University Village, Nnamdi Azikiwe Expressway, Plot 91, Cadastral Zone, Jabi,
Abuja
Faculty Agricultural Sciences
DEPARTMENT OF CROP AND SOIL SCIENCES
2020_2 EXAMINATION

COURSE TITLE: STORED PRODUCE PROTECTION

COURSE CODE: CRP 311

TOTAL SCORE: 70 MARKS

TIME ALLOWED: 3 hours

INSTRUCTION: Answer compulsory question 1 (25marks) and any THREE questions (15 marks each)

QUESTION 1

- a) Differentiate between stored produce and stored products.
- b) Mention five (5) reasons why we need to store agricultural produce.
- c) List any five storage structures.

QUESTION 2

- a) Mention four (4) problems of pesticides use.
- b) Mention three groups of insecticides used in storage
- c) List three ways in which insecticides penetrate the bodies of insects

QUESTION3

- a) Describe three signal words that are used to express pesticide toxicity.
- b) Name two types of pesticide toxicity.
- c) Mention four (4) control techniques for stored produce pests.

QUESTION4

- a) Name two commonly used fumigants in stored produce protection
- b) Mention four (4) factors that affect droplet sizes.
- c) Name three types of pesticides application nozzles.
- d) Name four (4) major routes through which pesticides reach the water

QUESTION5

- a) List five (5) methods used in application of pesticides to stored produce
- b) Give two (2) examples of pesticides used for each method listed above
- c) Name 3 major components of a sprayer
- d) Mention four (4) ways in which you can reduce pesticide residues on food.

QUESTION6

- a) Name two stages of pesticides application based on crop growth status
- b) Mention three possible reasons for spray inefficiencies.
- c) Mention three (3) ways in which pesticides affect the environment
- d) What is pesticide residue?