



## **NATIONAL OPEN UNIVERSITY OF NIGERIA**

**University Village, Nnamdi Azikwe Express Way, Plot 91,  
Cadastral Zone,  
Jabi, Abuja**

**Faculty of Agricultural Sciences**

**FIRST SEMESTER EXAMINATION: June/July**

**COURSE CODE: CRP 311**

**COURSE TITLE: STORED PRODUCE PROTECTION (3 Units)**

**INSTRUCTION: - ATTEMPT ANY FIVE QUESTIONS IN 3 HOURS**

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 4 organisms that can cause diseases in the store.

Question 2

- (a) List the advantages of pesticides
- (b) Mention four (4) problems of pesticides usage.
- (C) Mention three groups of insecticides used in storage

Question 3

- a) List three ways in which insecticides penetrate the bodies of insects.
- b) Explain the different methods of pesticides application
- c) Give examples of pesticides that could be used for each method

Question 4

- a) (i)Mention three signal words that are used to express pesticide toxicity and (ii)Name two types of pesticide toxicity.
- b) Factors affecting movement of pesticides droplets
- c) Types of pesticides formulations

Question 5

- a)Mention four (4) control techniques for stored produce pests and describe any two
- b) Name two commonly used fumigants in stored produce protection
- c)List 5 Chemical Origins and Composition

Question 6

- a) List five (5) methods used in application of pesticides to stored produce
- b) Discuss any two
- c) List any 2 mode of entry/action
- d) List type of nozzles

Question 7

- a) Name two types of exposures to pesticides
- b) Mention six symptoms of pesticides poisoning
- c) Mention five precautions for handling pesticides.
- d) List the various components of a sprayer