



**National Open University of Nigeria**  
**Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi, Abuja**  
**Faculty of Agricultural Sciences**  
**October/November, 2016**

**Course Code: CRP 311**

**Course Title: STORED PRODUCE PROTECTION**

**Credit Unit: 3**

**Time Allowed: 3 Hours**

**INSTRUCTION: - ATTEMPT ANY FIVE QUESTIONS**

**All question carry 20 marks**

**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 use.
- (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 and describe any two
- b) Give two (2) examples of pesticides used for each method listed above

- c) List 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