



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

**EXAMINATION: 2021\_1 POP EXAMINATION** <sup>1234</sup>

**COURSE TITLE: STORED PRODUCE PROTECTION**

**COURSE CODE: CRP 311**

**TOTAL SCORE: 70 MARKS**

**TIME ALLOWED: 2 hours**

**INSTRUCTION: Answer compulsory question 1 (30marks) and any Two questions (20 marks each)**

**Q1**

- Provide a list of at least five organisms that are pestilence to produce under storage.
- Distinguish between pests and diseases.
- Explain any five native ways the rural farmers store produce.
- Using your knowledge of organic seed protection, give its advantages over use of inorganic pesticides usage.
- Explain the safety procedures in the use of pesticides.
- List five (5) methods used in stored produce application of pesticides
- Name 3 major components of a sprayer
- List the mode of pesticides poisoning in man,

**Q2**

- What are some of the important things to keep in mind and do when selecting a pesticide? Why should you practice these techniques? (10marks)
- Explain ways in which insecticides penetrate the bodies of insects and kill the insect (5marks)
- List any 5 storage structures (5marks)

**Q3**

- Differentiate between stored produce and stored products. (4marks)
- briefly explain the function of the essential component of a sprayer. (4marks)
- List any five types of sprayers (4marks)
- List the major types of pesticides group used in stored produce protection. (4marks)
- List any five storage materials (4marks)

**Q4**

- What are the damages done to stored produce by microflora: (5marks)
- List any five types of storage chemical formulation. (5marks)
- List at least 2 crops that falls under these stated categories. (5marks)
- Describe one (1) cultural way of produce storage (5marks)