



SIR ARTHUR LEWIS COMMUNITY COLLEGE  
DIVISION OF AGRICULTURE

#CU1

ASSOCIATE DEGREE IN GENERAL AGRICULTURE  
2009/2010 ACADEMIC YEAR  
END OF SEMESTER 2 EXAMS

COURSE

CROP PROTECTION (CRP212)Date: 6<sup>th</sup> May 2010

Duration: 2 ½ Hrs.

DO (FIVE) QUESTIONS

1. Define the following, (10 mks)
  - (a) Crop protection
  - (b) Metamorphosis
  - (c) Plant pathology
  - (d) Disease
  - (e) Nematodes
- (ii). Discuss the importance of pests and diseases in agriculture. (10 mks)
2. Discuss the factors which make insects "formidable". (20 mks)
3. Farmer John wishes to cease growing fruits and vegetable because of their frequent attacks by fungus diseases, discuss the symptoms which the farmer would likely be presented with. (20 mks)
4. (i) Define the term weed. (2 mks)
  - (ii) Identify 4( four) important weeds of Caribbean. (8 mks)
  - (iii) Discuss (4) four methods of weed management. (10 mks)
5. Wing shape, texture, and venation are quite distinctive among the insect taxa and are useful for identification.
  - (i) Which insect orders show the following wing modifications?
    - a.. Elytra b. hemelytra c. tegmina d. halteres (4 mks)
  - (ii) Discuss the characteristics of the insect order **Coleoptera** (10 mks)
  - (iii) To which insect orders do the following insects belong? (6 mks)
 

Honey bees, West Indian fruit fly, Sweet potato weevil, Diamond backmoth, Cuban laurel thrips, whiteflies
- 6 a. With aid of a simple diagram explain the disease triangle. (10 mks)
  - d. Explain the principle/concept of Knoch's Postulates (10 mks)