



SIR ARTHUR LEWIS COMMUNITY COLLEGE

2005 CROP PROTECTION EXAMINATION

DO FIVE (5) QUESTIONS

TIME: 2 ½ HOURS

QUESTION 1. Define five (5) of the following terms:

- (i) Crop Protection
- (ii) Virus
- (iii) Obligate parasite
- (iv) Plant pathology
- (v) Disease
- (vi) Integrated pest management (IPM)
- (vii) Weeds
- (viii) Metamorphosis

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QUESTION 2.

List and discuss the primary events in a disease cycle. How is the disease cycle important in crop protection?

QUESTION 3.

List and describe at least eight (8) symptoms caused by fungi on plants.

QUESTION 4.

With the aid of diagrams, describe the typical excretory and circulatory system in insects.

QUESTION 5.

Describe methods of weed management, including their advantages and disadvantages.

QUESTION 6.

List and discuss the factors that make insects "formidable" to the crop farmer.

QUESTION 7.

Using at least one (1) example, discuss the ways in which plant-parasitic nematodes affect plants.