

SIR ARTHUR LEWIS COMMUNITY COLLEGE

may 2004 CROP PROTECTION EXAMINATION

DO FIVE (5) QUESTIONS

TIME: 2 HOURS, 30 MINUTES

QUESTION 1.

Define Five (5) of the following:

- (a) Integrated Pest Management (IPM)
- (b) Metamorphosis
- (c) Disease
- (d) Virus
- (e) Incubation period
- (f) Crop protection
- (g) Pathogenicity



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QUESTION 2.

List and discuss the primary events in a disease cycle.

QUESTION 3.

Discuss the different methods of weed management, including their advantages and disadvantages.

QUESTION 4.

Discuss the factors which make insects "formidable".

QUESTION 5.

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

QUESTION 6.

With the aid of diagrams, describe the excretory and circulatory systems of insects.

QUESTION 7.

Discuss the ways in which plant-parasitic nematodes may affect plants.

QUESTION 8.

List some of the Integrated Pest Management (IPM) practices that could be employed during the different stages of land preparation, crop growth and harvest of vegetable crops. Also include pesticides use safety practices.

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