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Register Number:

7223

Name of the Candidate:

DIPLOMA EXAMINATION - 2010

(BIO-PESTICIDES TECHNOLOGY AND BIO-FERTILIZER PRODUCTION)

(PAPER – I)

110. BIO-PESTICIDES – I

December)
Hours

(Time: 3

Maximum: 100 Marks

SECTION – A

I. Answer short notes on any FIVE of the following:

(5 × 2 = 10)

1. Trichogramma chilonis.
2. Pupal parasitoid.
3. Hirsutella thornpsonii.
4. Metarhizium anisopliae.
5. Entorno pathogen.
6. Beauveria bassiana.
7. Predation.

SECTION – B

II. Answer any FIVE of the following:

(5 × 2 = 10)

1. Brachyrneria.
2. Larval parasitoid.
3. Lysis.
4. Myco insecticides.
5. Antagonists.
6. NPV.
7. Bio control.

SECTION – C**III. Compare and contrast any FIVE of the following:****(5 × 4 = 20)**

1. Parasites and Saprophytes.
2. PGPR and Beauveria.
3. Trichoderma and Trichogramma.
4. Enzootics and Epizootics.
5. Coccinellids and NPV.
6. Myco insecticides and Myco fungicides.
7. Natural enemies and insect pests.

SECTION – D**IV. Discuss in detail on any FIVE of the following:****(5 × 12 = 60)**

1. Explain in detail the promising bio control agents in pest management of crops with suitable examples.
2. Explain the commercial production technology of Trichogramma Spp.
3. Discuss the role of bacterial bio-pesticides in the pest management of food crops with suitable examples.
4. Explain the commercial production of any predator.
5. Discuss mass production of NPV.
6. Explain the various methods of application of bio pesticides in agriculture with suitable examples.
7. Discuss the advantages and disadvantages of bio-pesticides.

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