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Register Number:

Name of the Candidate:

DIPLOMA EXAMINATION, 2010

(COMMERCIAL ENTOMOLOGY)

(PAPER - I)

110. CONCEPTS OF BIOLOGICAL AND HERBAL INSECTICIDES IN IPM

Dec)

(Time: 3 Hours

Maximum: 100 Marks

(5×2=10)

I. Answer any FIVE of the following

1. Parasite
2. NPV
3. Trichogramma
4. Super Parasitism
5. Reduviid Predator
6. Septicemia
7. White muscardine fungus
8. Chrysoperla carinea

II. Answer any FIVE of the following

(5×6=30)

9. Bacterial toxins
10. Parasites
11. Give three tribal practices of pest management.
12. Bio control and IPM.
13. Biotic balance

14. Pyrethrum in pest management
15. Non insect predators.

III. Answer any FIVE of the following

(5×12=60)

16. Write about the successful case history in the use of predators in pest management.
17. Baculovirus and pest management –Discuss
18. Detail the merits and demerits of herbal insecticides in pest management.
19. Discuss in detail the insect parasitoids in coconut and sugarcane ecosystem.
20. Enumerate the status of biological control in India.
21. Write about types of parasitism and host parasite relationship in pest management.
22. Tradition pest control knowledge is very important to understand the IPM – Discuss.

