

Hemchandracharya North Gujarat University
C. C. Advance Diploma in Agriculture and Soil Science
Semester IV End Term Examination

Subject: - AS – 401 (Integrated Pest Management)

Time: - 2 hrs

Date :- 1/5 /2017

Marks : - 40

Q – 1. Select the appropriate answer from following.

1*10= 10

1. The basal segment of insect antenna known as
A. Flagellum B. Scape C. Pedicel D. Meristone
2. Which type of mouth parts found in thrips ?
A. Rasping-Sucking B. Sponging C. Chewing D. Piercing-sucking
3. The theory and practice of identifying, describing naming and classifying organisms is called
A. Classification B. Taxonomy C. Systematics D. Identification
4. The part of insect body is
A. Head, thorax and abdomen B. Head, cephalothoraxes C. Head and tail
D. None of these
5. How many parts are there in the insect's antennae?
A. 6 parts B. 4 parts C. 2 parts D. 3 parts
6. The body wall of insect is composed of
A. 2 layers B. 1 layers C. 4 layers D. 3 layers
7. The cuticle is made up of
A. Chitin & Protein B. Fat C. Cellulose D. Vitamin
8. The wax layer is the part of
A. Procuticle B. Exocuticle C. Epicuticle D. Endocuticle
9. Antennae is the appendages of
A. Head B. Abdomen C. Thorax D. None of these
10. The basal segment of antennae is
A. Flagellum B. Scape C. Pedicel D. None of these

Q 2. Write any four questions

4*5 = 20

1. Write Management of white grub in groundnut
2. Write Biology and Damage of Pink boll worm in cotton
3. Write Biology of *Helicoverpa armigera*
4. Management of sucking Pest in Cotton
5. Write Damage and Management of Mustard Sawfly

Q.3 Write any one questions

1*10 = 10

1. Write Biology, Damage and Management of Castor Semilooper.
2. Write Biology, Damage and Management of Sorghum Stem borer