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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc.(Agriculture) (2014 &amp; Onwards) (Sem.-5)

**INSECT PEST OF CROPS AND STORED GRAINS**

Subject Code : BSAG-505

M.Code : 74169

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTION TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

**SECTION-A****1. Write short notes on :**

- (a) Sugarcane pyrilla
- (b) Polyphagous pests
- (c) Whitebacked plant hopper
- (d) Predator
- (e) Maize borer
- (f) Potato tuber moth
- (g) Parasitoid
- (h) Defoliators
- (i) Borers
- (j) Cotton mealy bug



### SECTION-B

2. Suggest integrated management practices for sugarcane stalk borer
3. Integrated pest management of diamondback moth.
4. Suggest integrated management practices for *Spodoptera litura*.
5. Management strategy for rice stem borer.
6. Integrated pest management of cotton jassid, *Amrasca biguttulla biguttulla*

### SECTION-C

7. Discuss in detail biology, nature of damage and management of insects pests of stored grains.
8. Explain in detail important insect pests of citrus and enumerate their biology and management.
9. Describe in detail distribution, biology, nature of damage and management strategies for guava fruit fly.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**