

Roll No.

Total No. of Pages : 02

Total No. of Questions : 18

B.Voc. (Agriculture) (Sem.-5)

**INSECT PESTS OF CROPS AND STORED GRAINS**

Subject Code : BVAG506-18

M.Code : 78413

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTIONS 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**

**Write briefly :**

- 1) Describe the management strategies of termite in wheat crop.
- 2) Write the damage symptoms of maize borer.
- 3) Write the life cycle of mustard aphid.
- 4) Write a short note on pest complex of okra.
- 5) Describe the damage symptoms of onion thrips.
- 6) Write the management strategies of chilli thrips.
- 7) Describe the management strategies of sugarcane top borer.
- 8) Write a short note on insect pest of pomegranate.
- 9) Enlist the insect pests of guava along with scientific name.
- 10) Write the life cycle of cotton whitefly.

**SECTION-B**

- 11) Describe the management strategies for insect pests of citrus.
- 12) Write down the life cycle and management practices of the following insect pests :
  - a) Sugarcane pyrilla and
  - b) Gram pod borer

- 13) What are the important insect pests groundnut crops? Write the control measures of any two of them.
- 14) Describe the life-cycle and damage symptoms of the following insect pests :
  - a) Mango hopper
  - b) Diamond back moth
- 15) Name two important insect pests of cucurbitaceous vegetables and outline their management strategies.

### SECTION-C

- 16) Enlist insect pests of rice crop along with scientific names. Describe the life cycle and damage symptoms of yellow stem borer and leaf folder.
- 17) Write the scientific name, life-cycle and damage symptoms of following insect pests :
  - i) Brinjal shoot and fruit borer
  - ii) Potato tuber moth
  - iii) Tomato fruit borer
  - iv) Citrus psylla
- 18) Enlist the external feeder of storage pests along with scientific names and damage symptoms. List the preventive measures which are helpful to control storage pests.

**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.**