

M.Sc.(Zoology) Fourth Semester Old
MSC16-1-Special Group-Entomology Paper-IV :
Pest Control Measures and Insect Vectors

P. Pages : 1

Time : Three Hours



GUG/W/18/2440

Max. Marks : 80

- Notes :
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Draw well labelled diagrams wherever necessary.

1. Describe the properties of natural organic compound. Add note on it's mode of action and use. **16**

OR

Write notes on.

- a) Organophosphate.
- b) Pyrethroids.

2. Give an account of the use of parasitoid in biological pest control programme. Add notes on their biological relationship and mass production. **16**

OR

Write notes on:

- a) Predators.
- b) Biological control programme.

3. Give an account of the use of pathogenic bacteria in biological control programme. Add note on their biological relationship and mass production. **16**

OR

Write notes on:

- a) IPM
- b) Pathogenic viruses.

4. Give List of pest of cattle. Describe the life cycle, nature of damage and control measure of any two of them. **16**

OR

Write notes on:

- a) Mosquito causing diseases in man.
- b) Pest of horse.

5. Attempt the followings. **16**
- | | |
|-------------------|-----------------------------|
| a) DDT | b) Natural enemies of pest. |
| c) Chemosterilant | d) Pediculus humanus |
