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B.Sc. (Agriculture) (Sem.-7)

PESTICIDES AND PLANT PROTECTION EQUIPMENT

Subject Code : BSAG-PP 703

M.Code : 74865

Max. Marks : 60

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

Q1. Define the following :

- a) Dust Formulations
- b) Median Lethal Dose (LD_{50})
- c) Repellents
- d) Insecticide resistance
- e) Resurgence
- f) Biomagnification
- g) Surfactants
- h) Insecticide residues
- i) Antidotes
- j) Synergism

SECTION-B

- Q2. Write a short note on chemosterilants and their use in pest management.
- Q3. What are hormones? Discuss their role in pest management.
- Q4. Discuss various types of nozzles used for application of pesticides.
- Q5. Write a short note on ULV sprays.
- Q6. Classify the various insecticide based on their mode of action.

SECTION-C

- Q7. Define an insecticide and classify various insecticides according to their chemical nature.
- Q8. Discuss in detail the factors affecting the toxicity of pesticides.
- Q9. Draw a well labeled diagram of Knapsac sprayer and write about its principles of working.

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.