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B.Sc. Agriculture (2014 & Onwards) (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.

1. Write short notes on :

- a) Fumigants
- b) Protoplasmic poisons
- c) Median lethal concentration/LC₅₀
- d) Pesticides
- e) Insect growth regulators
- f) Wettable Powders
- g) Granular formulations
- h) Stickers
- i) Pheromones
- j) Ultra low volume sprayer

SECTION-B

2. What are the qualities of good sprayers?
3. Define Synergism and synergists
4. Classify the Pheromones on the basis of releaser effect.
5. What is the desirable trait in a good repellent?
6. What are chemosterilants and classify them into various groups?

SECTION-C

7. What is the pesticide formulation? Discuss different type of pesticide formulations that are used for pesticide application along with their ideal properties.
8. Discuss the role of repellents, attractants, pheromones, hormones and antifeedants in pest management in detail along with the suitable example.
9. Discuss pesticide toxicity and the factors affecting toxicity of insecticides in detail.

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.