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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc.(Agriculture) (2014 to 2018) (Sem.-5)

**CHEMISTRY OF AGROCHEMICALS**

Subject Code : BSAG-503

M.Code : 74167

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**

1. Answer briefly :

- (a) Pesticides
- (b) Monocrotophos
- (c) LD<sub>50</sub>
- (d) Lindane
- (e) Endosulfan
- (f) Herbicides
- (g) Curative Insecticides
- (h) Bordeaux mixture
- (i) Systematic fungicides
- (j) Polyamine

### SECTION-B

2. Describe the chemistry and use of 2,4- D, Atrazine and Glyphosate.
3. Differentiate between systemic and non-systemic insecticides.
4. Define and classify fungicides based on their uses and mode of action.
5. Define and name some botanical insecticides. How they are more beneficial than the chemical insecticides.
6. Briefly describe plant growth regulators.

### SECTION-C

7. Classify insecticides along with examples along with their uses.
8. Discuss diverse types of agrochemicals along with examples.
9. Discuss characteristics and use of synthetic pyrethroids.

**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.**