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Total No. of Pages : 02

Total No. of Questions : 08

B.Sc. (Agriculture) / B.Sc. Honours (Agriculture) (Sem.-5)

CHEMISTRY OF AGROCHEMICALS

Subject Code : BSAG-503

M.Code : 74167

Date of Examination : 28-07-21

Time : 2 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE question(s), each question carries 12 marks.

1. Define agrochemicals and discuss about different categories of agrochemicals briefly.
2. *"In spite of harmful effects, use of agrochemicals is indispensable for agriculture"*. Comment.
3. Define insecticide. Enlist different chemical classes and discuss about any one class in detail.
4. Explain mode of action of following agrochemical briefly :
 - a) Malathion
 - b) Imidacloprid
 - c) Copper oxychloride
5. Discuss about chemistry and uses of butachlor and benthio carb in detail.
6. What are plant growth regulators and how these can be use in agriculture? Discuss by giving suitable examples.
7. What are the different categories of pesticides used for the management of plant diseases? Classify fungicides on the basis of chemical nature.
8. Discuss the use of following agrochemicals briefly :
 - a) Synthetic pyrethroids
 - b) Nematicides

Note: Any student found attempting answer sheet from any other person(s), using incriminating material or involved in any wrong activity reported by evaluator shall be treated under UMC provisions.

Student found sharing the question paper(s)/answer sheet on digital media or with any other person or any organization/institution shall also be treated under UMC.

Any student found making any change/addition/modification in contents of scanned copy of answer sheet and original answer sheet, shall be covered under UMC provisions.