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Total No. of Pages : 02

Total No. of Questions : 08

B.Voc. (Agriculture) (2018 &amp; Onwards) (Sem.-1)

**CHEMISTRY OF AGROCHEMICALS**

Subject Code : BVAG-102-18

M.Code : 75650

Time : 2 Hrs.

Max. Marks : 30

**INSTRUCTIONS TO CANDIDATES :**

1. Attempt any FIVE question(s), each question carries 6 marks.

- Q1. a. Define Botanical Insecticides. What are their advantages and limitations over Chemical measures?
- b. Enlist any 4 Botanical bioactive compounds and their source.
- Q2. Enlist precautions that needs to be taken when we are using fungicides. Name any 3 fungal diseases, their causative organism and the crop infected by them.
- Q3. What measures could be used for protection against stored grain insect pests.
- Q4. Name any 4 weeds that could affect wheat crop. Suggest suitable measures to control these weeds.
- Q5. What are the structure, usage and mode of action of following :
- a. Glyphosate
- b. Carboxin
- Q6. a. Write a short note on Pyrethrum.
- b. How will you manage stemborers and leaffolders in a crop field?
- Q7. Discuss in details about synthetic organic insecticides.
- Q8. Discuss briefly :
- a. Plant growth regulators
- b. Biomagnification of agrochemicals in food chain

**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.**

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