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Total No. of Pages : 02

Total No. of Questions : 08

B.Voc. (Agriculture) (2018 & 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.