

[illegible]

**B.Sc. (Agriculture) (2014 & Onwards) (Sem.-7)**  
**DISEASES OF FIELD CROPS & THEIR MANAGEMENT**  
**Subject Code : BSAG-701**  
**M.Code : 74824**

**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.**

**Q1. Write short notes on :**

- a) Sheath blight of rice
- b) Wilt of Sugarcane
- c) False smut of rice
- d) Bacterial stalk rot of maize
- e) Green ear of bajra
- f) Ergot of bajra
- g) Bacterial blight of cotton
- h) Alternaria blight of mustard
- i) Stem rot of Sunflower
- j) Aschochyta blight of chickpea

### SECTION-B

- Q2. Explain the disease cycle of red rot of sugarcane.
- Q3. Explain the integrated management strategy for the foot rot of basmati.
- Q4. Explain the disease cycle of green ear of bajra.
- Q5. Explain the favourable conditions required for the development of bacterial blight of rice.
- Q6. Explain the favourable conditions required for the Cercospora leaf spot of groundnut.

### SECTION-C

- Q7. Enlist different diseases of wheat along with their causal organism and explain two of them, including their disease cycle, favourable conditions required for development and their management.
- Q8. Enlist different disease of maize along with their causal organisms and explain two of them, including their disease cycle, favourable conditions required for development and their management.
- Q9. Enlist different disease of cotton along with their causal organisms and explain two of them, including their disease cycle, favourable conditions required for development and their management.

**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.**