

**End Semester/Reappear (Semester V) Examination December 2022**

**Programme: B. Sc. (Hons.) Agriculture**

**Full Marks: 50**

**Course: Diseases of Field & Horticultural Crops & their Management-I**

**Time: 2 Hrs.**

**Course Code: 13A.314**

**Enrollment No: \_\_\_\_\_**

**Section I**

**1. Short Answer type questions. Answer any four.**

**4 x 5 = 20**

- a. Discuss the favourable condition and etiology of stalk rot of maize.
- b. Explain briefly the management of tobacco mosaic.
- c. Differentiate between leaf curl and mosaic of papaya.
- d. List the name of cruciferous diseases and mention briefly measures adopted for their control.
- e. Explain briefly the management of Panama wilt of banana.
- f. Write the symptoms of Rhizoctonia blight of soybean.

**Section II**

**Long answer type questions. Answer any two.**

**2 x 15 = 30**

2. Enumerate important diseases of tomato with their causal organism and mention their integrated disease management practices.
3. List the causal organism, favourable condition, symptoms and suitable management practices for bacterial blight of pomegranate.
4. Discuss briefly epidemiology, etiology, disease cycle and appropriate integrated disease management practices for Phytophthora blight of pigeonpea.
5. Compare among the smuts, grain mold and anthracnose of sorghum in respect of their symptoms and write down their appropriate managements.

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