



বিদ্যাসাগর বিশ্ববিদ্যালয়  
**VIDYASAGAR UNIVERSITY**

**Question Paper**

**Major Examinations 2020**

**Semester - V**

**Subject: AGRO SERVICE**

**Paper: DSE2T & DSE2P**

**Full Marks : 60**

**Time : 3 Hours**

*Candidates are required to give their answer in their own words as far as practicable.*

*The figures in the margin indicate full marks.*

**CROP DISEASES AND THEIR MANAGEMENT**

**THEORY [Marks 40]**

Answer any *two* from the following questions :

2×20

1. How do you identify plant diseases ? What are the methods of disease control ? Name the plant parts used for mutagen treatment. 5+10+5
2. What is Fungicide ? Write it's classification ? Do Fungicides kill bacteria ? Write down the symptoms and control measures of late blight potato. 8+2+5
3. Write down the symptoms caused by Tobacco mosaic virus. How do you treat citrus canker ? Is citrus canker harmful to human ? Discuss about different control measures against rice diseases. 5+5+3+7

4. What causes red rot of sugarcane ? Write down are the symptoms of red rot of sugarcane.  
How can we protect brinjal plant from insects ? 5+5+10

### **PRACTICAL [Marks 20]**

Answer any *one* from the following questions : 1×20

1. Citrus canker, Blast of rice : write the symptoms and prevantive measures of these two diseases.
  2. Little leaf of brinjal & bean common mosaic : write diagnosis and symptoms of two diseases.
  3. How will you denote the Tikka diseases of ground nut.
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### **WEED MANAGEMENT**

#### **THEORY [Marks 40]**

Answer any *two* from the following questions : 2×20

1. Write down the principle and methods of solving weed problem.
2. Why do you need to control weeds.
3. Write down the importance of Integrated weed Management system.
4. What are the differences between obnoxious weeds & noxious weeds ? Give examples.

**PRACTICAL [Marks 20]**

Answer any *one* from the following questions :

1×20

1. Write a short note on different weed control schedules.
2. What are herbicides ? Write a note on weed index.
3. Write the local name and scientific name with families of weeds found in your locality. (any five)

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Vidyasagar University