

Pramukh Swami Science and H.D.Patel Arts College, Kadi  
Advanced diploma in Agriculture and Soil Sciences  
Internal Examination Semester II March 2019  
AS 203 (Fundamentals of Plant pathology)

Time: 2 hrs

Date: 27/03/2019

Maximum marks: 40

**Q.1 Answer all questions. Each question carries 1 mark**

(10\*1=10 Marks)

1. What is plant disease?
2. Root-knot disease of vegetable crops is caused by  
A. Nematode B. Fungi C. Algae D. Bacteria
3. Individual filament of Fungus is known as  
A. Mycelium B. Hypha C. Thallus D. Rhizoid
4. An outgrowth resulting to form an abnormal increase in the number of cells is called  
A. Hyperplasia B. Hypertrophy C. Hypoplasia D. Hypotrophy
5. Give full form of TMV.
6. Tomato leaf curl is caused by\_\_\_\_\_.  
A. Virus B. Fungi C. Bacteria D. Nematode
7. Give the name of Causal organism of Red rot of Sugar cane.
8. Crop rotation is recommended for the management of \_\_\_\_\_ disease.  
A. Seed-born B. Soil-born C. Air-born D. None of these
9. Death of tissue is known as \_\_\_\_\_  
A. Necrosis B. Phyllody C. Chlorosis D. None of these
10. An entity that can cause disease is known as \_\_\_\_\_  
A. Sign B. Disease C. Pathogen D. Host

**Q. 2. Answer any 4 questions. Each question carries 5 marks**

(5\*4=20 Marks)

**(SHORT QUESTIONS)**

1. Write any five measures to control disease.
2. Write in detail: Citrus canker.
3. Write in detail: Tikka Disease of Groundnut.
4. Describe: The diagnosis of Plant disease.
5. Explain morphology and characters of plant parasite nematode.

**Q.3 Answer any 1 question. The question carries 10 marks.**

(1\*10=10 Marks)

**(DESCRIPTIVE QUESTIONS)**

1. Explain briefly: Symptoms of Plant disease.
2. Describe in detail: Development of Disease in Plants.

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