

**Pramukh Swami Science and H.D Patel Arts College**  
**Advance Diploma in Agriculture and Soil Science**  
**Semester- II Internal Examination, March-2017**  
**Subject Code: - AS- 203**

**Subject: - Fundamentals of Plant Pathology-203**

Time: 2 hrs

Date: 24/03/2017

Marks: 40

**Q.1 Attend the following multiple choice question**

**10**

1. Who is father of cell theory?  
A. Robert Hook      B. Robert Brown      C. P.A. Micheli      D. John Needham.
2. Who reported plant parasitic nematodes in wheat gall.  
A. Corlous Linaceus      B. John Needham.      C. .T.J Burill      D. Robert Hook.
3. Who reported crystalline nature of virus?  
A. Corlous Linaceus      B. John Needham.      C. W.M Stanely      D. J.C Luthra
4. Who is Father of phytobateriology?  
A. Robert Brown      B.P.A. Micheli      C. E.F Smith      D. Robert Hook
5. Fungus that depend on dead organic matter is \_\_\_\_\_.  
A. Saprophytes      B. Symbionts.      C. Parasite      D. Necrotrophs.
6. Study of nematodes is called as \_\_\_\_\_?  
A. Algology      B. Nematology      C. Mycology      D. Bryology.
7. The organisms that pass through bacterial filters are known as \_\_\_\_\_?  
A. Algae      B. Fungus      C. Mycoplasma      D. Phytoplasma.
8. \_\_\_\_\_ is also known as neck fever in rice  
A. Blast      B. Smut      C. Rust      D. Rot.
9. \_\_\_\_\_ established LATIN binomial system.  
A. Robert Brown      B. Carlous Linnaeus      C. Tillet      D. Robert Hook
10. \_\_\_\_\_ is causal organism of Blight in Sunflower.  
A. Alternaria      B. Fusarium      C. Macrophomina      D. Puccinia

**Q.2 Answer any 4 questions. Each question carries 05 marks.**

**[4\*5=20]**

1. Write causal organism and symptoms of blast of Rice
2. Write prevention of Charcoal rot of Maize.
3. Write general characters of Fungus
4. Write management of Alternaria blight of sunflower
5. Write a note on pathogen of rust of sugarcane.

**Q.2 Answer any one question. Each question carries 10 marks.**

**[4\*5=20]**

1. Write causal organism, symptom, and management of Bacterial Leaf Blight of Blackgram.
2. Write symptoms and management of Corn rust of maize.