

**Hemchandracharya North Gujarat University**  
**Advance diploma in Agriculture and Soil Sciences**  
**End term Examination Semester II**  
**Subject: AS-203 (Fundamentals of Plant Pathology)**

**Time: 2 hrs**

**Date: 3 / 5 / 2017 Marks: 40**

Q – 1. Select the appropriate answer from following.

1\*10= 10

1. The capacity of a pathogen to cause disease is known as \_\_\_\_\_.  
A. Pathogen B. Parasite C. Pathogenicity D. Plant disease
2. \_\_\_\_ is known as Father of Nematology.  
A. N.A.Cobb B. P.M.A.Millardet C. T.J.Burrill D. B.B.Mundkur
3. Who of the following is regarded as “Father of Modern Plant Pathology”?  
A. R.S. Singh B. Millardet C. T.J. Burill D. Anton de Bary
4. Who is considered as “Father of Mycology”?  
A P.A. Micheli B. Anton de Bary C. E.J. Butler D. Millardet
5. Blast of Rice is caused by \_\_\_\_\_.  
A. Pyricularia grisea B. Macrophomina phaeseolina C. Fusarium oxysporum  
D. Alternaria ricini
6. Which of the following is effective fungicide?  
A. Mancozeb B. Vitavax C. Bordeaux mixture D. Burgandy mixture
7. The establishment of a pathogen within a host plant is termed as \_\_\_\_\_.  
A. Infection B. Pathogenesis C. Virulence D. Resistance
8. Primary infection \_\_\_\_\_ the disease.  
A. Initiate B spread C. Both (a) and (b) D. None of the above
9. Secondary infection \_\_\_\_\_ disease.  
A. Initiate B. Spread C. Both (a) and (b) D. None of the above
10. Crop rotation is recommended for the management of \_\_\_\_\_ disease.  
A. Seed- borne B. Soil –borne C. Air -borne D. None of the above

Q 2. Write any four questions

4\*5 = 20

1. Give Define A) plant pathology B) Disease C) Nematology D) Symptoms E) Parasite
2. Write Characteristics of Fungal pathogen
3. Write Different Between Wilt and Root rot.
4. Write Objective of Plant pathology
5. Write Disease Triangle with Figure.

Q.3 Write any one questions

1\*10 = 10

1. Write Scope & Importance of Plant Disease.
2. Write Symptom, Disease cycle and Management of wilt of castor.