

Pramukh Swami Science and H. D. Patel Arts College, Kadi
CC-Agriculture and Soil Sciences
Internal Examination Semester II

Subject: AS 203

Time: 2 hrs

Date: /04/2015

Marks: 40

Q.1 Answer all questions.

(10 Marks)

1. Father of Mycology:-
 - a.) Anton De Berry
 - b.) P. A. Micheli
 - c.) P. M. A. Millardet
 - d.) E. J. Butler
2. The science which is dealing with study of bacteria, fungi and viruses known as.....
3. Define the term Phytopathology/Plantpathology
4. What is Etiology?
5. The pathogen associated with the discovery of Bordeaux Mixture is *Phytophthora infestans*. (True/False)
6. Contents of Bordeaux Mixture are
 - a.) CuSO_4 and HNO_3
 - b.) Only CuSO_4
 - c.) CuSO_4 and Slacked lime
 - d.) Only Slacked lime
7. Disaster due to Bengal Famine noted in the year of
8. Khaira disease in rice is cause due to deficiency of.....
9. Mycoplasma Like Organism (MLO) is one type of bacteria. (True/False)
10. Write down the title of your course?

Q. 2 Answer any four questions. (20 Marks)

1. Write down the principles of plant pathology
2. Figure out the disease triangle for disease development
3. Which are the factors responsible for disease development in plant?
4. Write down the symptoms of Tikka disease in Ground nut
5. Draw the disease cycle of *Puccinia graminis* in Wheat

Q.3 Answer any one question. (10 Marks)

1. Mention your views about objectives of plant pathology and its importance in recent agriculture era.
2. Draw the disease cycle of Downy Mildew of Bajara (Green Ear Disease) with its management strategy.