

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

Subject: AS-303 (Plant disease and their management)

Time: 2 hrs

Date: 4/11/2015

Marks: 40

Q-1. Select the appropriate answer from the following.

(10*1=10)

1. In which rust, pustules re arranged in end to end manner and forming stripes.
a. Yellow rust b. Orange rust c. Black rust d. White rust
2. Chemically virus is a
a. Protien b.Nucleic acid c.Nucleoprotin d.All of them
3. Abnormal number of cell decrease due to infection of virus is known as...
a. Hyperplasia b. Hyporplasia c.Atrophy d. Hypertrophy
4. Dr. Kary Mullis discovered
a.Viroids b. ELISA c. PCR d. Prison
5. Name the Indian scientist who worked on black stem rust of wheat
a. M.K Patel b. R Prasad c. J.C. Luthra d. K.C.Mehta
6. Father of modern plant pathology
a. Anton de barry b. M.K Patel c. J.C. Luthra d. K.C.Mehta
- 7.Ergot is disease ofcrop
a. Wheat b. Maize c.Bajara d.Castor
8. GCH 7 hybrid is resistant to
a. Loose smut b. Ergot c. Wilt d. Alternaria blight
9. Viroids is a
a. Naked RNA particles b. Nacked DNA particles
c. Nacked RNA and DNA particles d. None of these
- 10.Favorable condition of loose smut is...
a. 18 C^o to 20 C^o b. 20 C^o to 25 C^o c. 25 C^o to 30 C^o d. 10 C^o to 30 C^o

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

(4*5=20)

1. Define/Explain the following
a. Pathogen b.Disease c. Sign d. Resistance
e. Symptoms
2. Give causal organism of following disease:
a. Loose smut b. Ergot c. Wilt d. Karnal bunt e. Downy mildew
3. Enlist Rust of wheat with causal organism.
- 4.Enlist disease of castor and maize with symptoms.
5. Describe economic importance and symptoms of bajara disease. (Any two)

Q-3. Answer any 1 questions. Each question carries 10 marks.

(1*10=10)

1. Enlist rust of wheat and describe it with economic importance, disease cycle, symptoms and its management.
2. Draw Disease cycle of Bajara disease.