

Pramukh Swami Science and H. D. Patel Arts College, Kadi
C. C. – Agriculture and Soil Science
Internal Examination Semester III

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

Time: - 2 hrs

Date :- 10 /11/2016

Marks : - 40

Q – 1. Select the appropriate answer from following.

1*10= 10

1. Father of modern plant pathology.
a) M. K. Patel b) K. C. Mehata c) Anton de barry d) J. C. Luthara
2. Semi root parasite
a) *Striga* b) *Orobancha* c) *Loranthus* d) *Cuscuta*
3. Kharia disease of rice is controlled by spraying :
a) Copper sulphate b) Manganese sulphate c) Borax d) Zinc sulphate
4. Puccinia causes rust on
a) Cereal b) Flowers c) Vegetable d) All above
5. The most serious smut among the smuts affecting sorghum is :
a) Grain smut b) Loose smut c) Long smut d) Head smut
6. Complete root parasite.....
a) *Striga* b) *Orobancha* c) *Loranthus* d) *Cuscuta*
7. GCH – 7 hybrid is resistant to
a) Loose smut b) Ergot c) Wilt d) Alternaria blight
8. In Bajara Ergot Sclerotia contain
a) Alfa toxin b) Ergotoxin c) Apitoxin d) Mycotoxin
9. Soil solarization is recommended for the management of
a) Nematode b) Virus c) Bacteria d) Viroids
10. Causal organism of Downy mildew of bajara
a) *Sclerospora graminicola* b) *Claviceps fusiformis* c) *Puccinia penniseti* d) *Pyricularia setariae*

Q 2. Attempt any four out of five

4*5 = 20

1. Write different between Wilt and Root rot.
2. Write causal organism, Symptoms and disease cycle of downy mildew of bajara.
3. Enlist the major disease of sorghum with causal organism.
4. Write different between Turcicum blight and Mydis blight of maize.
5. Write causal organism, Symptoms and disease cycle of wilt of cotton.

Q.3 Write any one questions of two.

1*10 = 10

1. Write causal organism, Symptoms, disease cycle and management of Ergot of bajara.
2. Write causal organism, Symptoms, disease cycle and management of Blast of Paddy.