

M.Sc. Part-II Semester-III (CBCS) Examination
BOTANY
PLANT PATHOLOGY-II
Paper-XII (Elective)

[Maximum Marks : 80]

Time : Three Hours]

N.B.:— (1) All questions are compulsory and carry equal marks.
(2) Illustrate your answers with suitable example and diagrams.

1. Explain biochemical defence mechanism of phenolic compounds in plants and add a note on role of enzymes in it. 16

OR

 - (a) Explain host parasite relationship with examples. 8
 - (b) Discuss about Koch's postulate, its principle and method. 8
2. Give general account of forest pathology and its impact. 16

OR

Explain methods of chemical and biological management of plant disease control. 16
3. Explain : 5
 - (c) Leaf rust of wheat 5
 - (d) White rust of Mustard 6
 - (e) Importance of Seed pathology 6

OR

 - (f) Tikka disease of ground nut 5
 - (g) Ergot of Bajara 5
 - (h) Loose Smut of Jawar 6
4. Describe : 5
 - (i) Late blight of potato 5
 - (j) Anthracnose of chilli 6
 - (k) Powdery mildew of grapes 6

OR

 - (l) Leaf blight of tomato 5
 - (m) Powdery mildew of Bhindi 5
 - (n) Gummosis of Citrus 6
5. Write on : 5
 - (o) Tundu disease of wheat 5
 - (p) Yellow vein mosaic of Bhindi 6
 - (q) Little leaf of Brinjal. 6

OR

 - (r) Sesamum phyllody 5
 - (s) Angular leaf spot of cotton 5
 - (t) Leaf curl of papaya. 6

