

**Avinashilingam Institute for Home Science and Higher Education for Women
(Deemed to be University) Coimbatore-641 043
Bachelor's Degree Examination – November 2018
V Semester**

**Class : III UG
Major : Botany**

**Time :3 hours
Max. Marks: 100**

**15BBOC16- Phytopathology
Part-A**

10 x 1=10

Choose the correct answer

1. The tendency of plants to escape from disease is called
a. Dormancy b. Antogonism c. Kleducity d. Early maturity
2. The manifestation of the disease is called as
a. Pathogenesis b. Inoculation c. Infection d. Symptom
3. Dead tissue surrounded by living tissue is:
a. Rot b. Wilt c. Canker d. Lesion
4. Which of the following is caused by deficiency of water supply?
a. Wilting b. Damping off c. Chlorosis d. Die back
5. Xanthomonas citri causes:
a. Blast of paddy b. Blight of Cotton c. Tikka disease d Citrus canker.
6. Which of the following is a hypoplasia symptom?
a. Hairy Root b. Variegation c. Curl d. Galls.
7. Which of the following diseases is called as " Angular Leaf Spot,"?
a. Paddy blast b. Tikka disease c. Citrus canker d. Bacterial blight of cotton
8. Pappya leaf curl was first reported in
a. Tamil Nadu b. Japan c. China d. Rajasthan
9. Legal restriction of movement of plants and plant parts is"
a. Rouging b. Avoidance c. Certification d. Quarentine
10. The field Etiology deals with:
a. Cause of disease b. Control of disease c. Resistance of host
d. Symptoms .

Part B

5 X 6=30

Answer the following

Answer should not exceed 400 words or two pages

- 11.a. Write a brief account on " fungi as a plant pathogen"
(or)
- 11.b. Write an account on the effect of temperature on plant diseases
- 12.a. Write a brief note on plant disease classification
(or)
- 12.b. Give a brief account on any four Hypoplasia symptoms
- 13.a. Write about Citrus canker
(or)
- 13.b. Explain about Leaf curl of Pappaya disease
- 14.a .Explain about the Little leaf of Brinjal.
(or)
14. b. Give a short account on Loose Smut of Wheat

15. a. Write the Exclusion methods

(or)

15. b. Write about the Quarantine organization of India

Part C

5 x 12=60

Answer the following

Answer should not exceed 800 words or four pages

16. a. Explain about the agents of non- infectious plant diseases

(or)

16. b. Write an essay on the effect of moisture and soil fertility on plant diseases

17.a. Write a detailed account on the symptoms of Necrosis

(or)

17.b. Write in detail about the symptoms of Hyperplasia

18. a. Write an essay on "Tikka disease of Ground nut"

(or)

18. b. Explain "Blast disease of Paddy" in detail

19. a. Describe the "Wart disease of Potato" in detail.

(or)

19. b. Discuss Club rot of Crucifers in detail.

20. a. Narrate the Eradication methods of plant disease management

(or)

20. b. Give an essay on Production of plant disease resistance through breeding techniques
