



KERALA AGRICULTURAL UNIVERSITY
B.Sc.(Hons).Forestry 2017 Admission
IV Semester Final Examination- July 2019

Narm.2206

Forest Pathology (1+1)

Marks: 50
Time: 2 hours
(10x1=10)

1 Fill up the blanks

- 1 In *Casuarina* trees, the pathogen *Phoma casuarina* causes
- 2 is an example of algal disease.
- 3 *Olivea tectonae* causes disease in teak.
- 4 Rhizomorph is produced by
- 5 *Capnodium sp.* causes disease.

Match the following

- | | |
|-----------------|-------------------|
| 6 Loranthus | a) Pythium |
| 7 Fusarium | b) Phytoplasma |
| 8 Pink disease | c) Parasite |
| 9 Damping off | d) Dalbergia wilt |
| 10 Sandal spike | e) Corticium |

(5x2=10)

II Write short notes on ANY FIVE of the following.

- 1 Powdery mildew in Dalbergia.
- 2 Teak powdery mildew.
- 3 Stem canker diseases.
- 4 Casuarinas wilt.
- 5 Factors affecting timber and pulpwood decay.
- 6 Diseases in Ailanthus.
- 7 Plant quarantine.

(5x4=20)

III Answer any FIVE of the following.

- 1 Importance of forest pathology.
- 2 Sexual reproduction of fungi.
- 3 Diseases in Albizia and bamboos.
- 4 Ganoderma root rot in different trees.
- 5 Recent advances in wood preservation.
- 6 Nursery diseases in forest trees.
- 7 Oyster mushroom cultivation.

(1x10=10)

IV Answer any ONE of the following

- 1 Different mycorrhizal association and its role in disease management.
- 2 Integrated disease management practices for different decays.
