

KERALA AGRICULTURAL UNIVERSITY

B.Sc (Hons.) Forestry. 2013 Admission
IIIrd Semester Final Examination- March-2015

Cat. No: Fmau.2103

Marks: 50

Title: Forest Pathology (2+1)

Time: 2 hours

I) Fill up the blanks

(10 x 1=10)

1. General abnormal physiological changes due to non parasitic agents are referred as _____
2. Development of minute necrotic flecks resulting from rapid cell death in the vicinity of invading pathogen _____
3. The period between the infection and the appearance of the first visible symptom is _____
4. Organisms grown in the presence of oxygen are called _____
5. Bordeaux mixture is the combination of _____
6. Chemotherapy is the treatment ,in which the disease is controlled by using _____
7. Expand the Abbreviation ,ELISA _____
8. The fungal spores having flagellum are called _____
9. Union of two protoplasts bringing the haploid nuclei is _____
10. Fungal cell wall is made up of _____

II Write short notes on any FIVE

(5 x 2=10)

1. Obligate parasite
2. Symbiotic fungi
3. Gamatangial contact
4. Zygosporangium
5. Biological control
6. Saprophytes
7. Fumigation

III Write short essays on any FIVE of the following

(5 x 4 =20)

1. Briefly describe the Para sexuality in fungi
2. Symptoms of casurina black root rot
3. Briefly describe the disease cycle
4. Pink disease of Eucalyptus
5. Fungicidal formulations
6. Integrated control of forest tree diseases
7. Plant quarantine

IV Write essay on ANY ONE

(1 x 10=10)

1. Write the symptoms ,etiology ,mode of spread ,epidemiology and management practices for teak powdery mildew disease
2. Explain the types of wood decay and factors affecting the wood decay
