## KERALA AGRICULTURAL UNIVERSITY

B.Sc.Hons (Ag) 2014 Admission
III<sup>rd</sup> Semester Final Examination-February -2016

t. No: Path.2102		Marks: 50.00
	Principles of Crop Disease Management (1+1)	Time: 2 hours
	up the blanks	(10 x 1=10)
	Bordeaux mixture was discovered by	•
	Gene for gene concept was proposed by	
3.	Bunchy top disease of banana was introduced to India from	
Na	me the following	
4.	A Botanical which has anti viral property	
5.	A bacteria which is used as bio control agent	
6.	An anti fungal antibiotic	
7.	An emulsifier	
8.	The most widely used technique for serological indexing	
fine		
9.	Horizontal resistance	
10	. Transgenic plant	
Wri	te short notes on any Five questions	(5 x 2=10)
1.	Biological control of plant diseases	
2.	Plant quarantine	
3.	Physical methods for plant disease management	
4.	Classification of fungicides based on mode of action	
5.	Characteristics of an ideal fungicide	
6.	Corn injection method for the management of Panama disease of banana	
7.	Selective fungicides for the management of rice blast.	
An	swer any Five questions	(5 x 4=20)
1.	Role of weather factors on disease development	
2.	Structural and Bio chemical defense mechanisms in plants	·
3.	Preparation of 1% Bordeaux mixture, Merits and demerits of this mixture	
4.	Commercial production of Trichoderma viride	
5.	Biotechnological approaches in plant disease management	
6.	Methods of exclusion in plant disease management	
7.	Various methods of application of fungicides	

## (1 x 10=10)

## IV Write essay on Any ONE

- 1. Discuss about integrated plant disease management.
- 2. Classification of fungicides based on chemical nature