KERALA AGRICULTURAL UNIVERSITY

B.Sc. (Hons.) Forestry 2015 Admission VI Semester Final Examination-July 2018

Wosc. 3209

I

II

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IV

Research methods and Instrumentation Techniques (1+1)

-		Marks: 50 Time: 2 hours
	Fill in the blanks	(10x1=10)
1	ICFRE stands for	(1011 10)
· 2	ICAR Head Quarters is at	
3	Breast height is measured at from the ground level.	
4	Tree caliper is used to measure	
5	The book "Research - how to plan, speak and write about it" is written by	
6	Aranyam is published by	
7	IFGTB stands for	
	State True or False	•
8	Completely Randomized Design is the best suited design for field experiments	, ·
9	Optical clinometer is used for measuring tree diameter.	•
10	An experiment becomes unwieldy when the number of replications is too large	•
•	Write Short notes on any FIVE of the following	(5x2=10)
1	Biomass estimation in forests.	(
2	Advantages of sampling.	
3	F- Test	
4	Agro forestry	
5	Equipments used for soil analysis (Any two).	
6	Leaf area estimation.	
7	t - Test.	,
	Answer any FIVE of the following.	(5x4=20)
1	Methods of estimating vegetational diversity.	•
2	Z- Test.	
3	Central tendency and dispersion.	
4	Plant water status.	ø
5	Models in agro forestry research.	
6	Randomized Complete Block Design.	
·7	Scaling techniques.	
	Write an essay on any ONE of the following	(1x10=10)
1	Aims and their mandates of five national and five international research instit	utes for
	forestry research	
2	Development of forestry research in India	•
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