SRM Institute of Science and Technology College of Engineering and Technology

Kattankulathur-603 203

Department of Mathematics

21MAB301T-Probability and Statistics

Sl.No.	Tutorial Sheet - 3							Answer
1	Following table relates to production in kgs of three							F = 1.13
	variable A, B and C of wheat							At %5 F = 4.26
	A	14	16	18	,	-	-	Varieties effects are the same
	В	14	13	15		22	-	
	С	18	16	19	1	19	20	
	Is there any significant difference in the production of							
	the varieties?							
2	Yield of four strains of Grallipoli wheat planted in						Fr = 9.28	
	five randomized block in kgs per plot is given below:						Fc = 1.98	
	Blocks							
	Strains		1	2	3	4	5	
		A	32	34	34	35	36	
		В	33	33	36	37	34	
		С	30	35	35	32	35	
		D	29	22	30	28	28	
	Test for differences between blocks and differences							
	between strains.							