Assignment

Sem-1

Minor

Descriptive Statistics

DSC-MSTA-113

	Unit-1 Introduction of statistics										
Q-1	Write short note on Sampling Methods										
Q-2	What is data? Give different types of data.										
Q-3	Write down difference between Primary and										
	Secondary data.										
Q-4	Explain measurements of Scaling										
	Unit-2 Univariate Study-I										
Q-1	State merits and demerits of Geometric mean.										
Q-2	Find Mean, Median and Mode from the following								g		
	data:										
	Class	16-	21-	26	_	31-	36-		41-	46-	
		20	25	30		35	40		45	50	
	Frequency	5	17	25		52	12		6	2	
Q-3	Find Combined mean of the following data:										
	Group	A	A					(C		
	Number of	400			250			350			
	Observation	servation									
	Mean	52	52			44			60		
	Unit-3 Univariate Study-II										
Q-1	What is dispersion? Explain its different measures.										
Q-2	What is coefficient of variation? what are its uses?										
Q-3	Find Q.D and Coefficient of Q.D from the following										
	distribution.										

	Class	0-	2-	4-	6-	8-	10-	12-	14-	16	
		2	4	6	8	10	12	14	16	and	
										more	
	Frequency	5	13	12	11	8	4	1	3	4	
Q-4	Find SD of the following data:										
	Attendance	e 70)	60	50	40)	30	20	10	
	(in										
	Percentage										
	more than)									
	Number of	$\frac{1}{2}$		18	40	45	5	63	68	75	
	students										
	Unit-4 Linear Correlation and Linear Regression										
Q-1	What is Correlation? Write down its properties.										
Q-2	Difference between Correlation and Regression.										
Q-3	Find correlation coefficient by Karl Pearson's method									nethod	
	x 47 5	53	58	86	62	68	60	91	51	84	
	y 39 6	55	62	90	82	75	25	98	36	78	
Q-4	Find rank correlation coefficient from the following										
	data:										
	$x \mid 20 \mid 2$	22	25	18	19	18	18	3 26	30	31	
	y 11 1	1	11	11	11	11	11	. 11	. 11	11	