

SL. NO	Experiment Name									Page
01.	The information of 20 persons is given in the following table:									
	SN Sex Religion Level of SN Sex Religion Level of									
				Education				Education		
	1	Male	Muslim	Primary	11	Female	Hindu	Primary		
	2	Female	Hindu	Graduate	12	Male	Christian	Graduate		
	3	Male	Muslim	Illiterate	13	Male	Others	Secondary		
	4	Male	Hindu	Graduate	14	Female	Muslim	Secondary		
	5	Female	Muslim	Primary	15	Male	Hindu	Higher Secondary		
	6	Female	Christian	Graduate	16	Male	Christian	Others		
	7	Male	Muslim	Illiterate	17	Female	Muslim	Primary		
	8	Male	Hindu	Primary	18	Male	Others	Illiterate		
	9	Female	Muslim	Others	19	Female	Muslim	Higher		
	10		0.1		20		0.1	Secondary		
	10	Male	Others	Higher Secondary	20	Male	Others	Secondary		
02.	III. Draw bar diagram for the variable "Level of Education" and comment. Suppose that 100 students are enrolled in a statistics class and the following are the test scores received by them: 77 44 49 33 38 33 76 55 68 39 44 59 36 55 47 61 53 32 65 51 29 41 32 45 83 58 73 47 40 26 59 43 66 44 41 25 39 72 37 55 34 47 66 53 55 58 49 45 61 41 55 92 83 77 45 62 45 36 78 48 54 50 51 66 80 73 57 61 56 50 45 82 71 48 46 69 38 72 56 64 38 45 51 44 41 68 45 92 4312 37 16 44 57 63 71 40 64 57 51 I. Compute Mean, Median, Mode, Variance and Standard deviation of the above raw data and comment on your results. II. Find the five number summaries III. Select an appropriate class interval and organize data set into a frequency distribution. IV. Using frequency distribution obtained in question (iii) construct a histogram and an ogive. Also approximate the median and mode with the help of ogive and histogram respectively. V. Find the mean, median and mode using the frequency distribution obtained in question (iii).									
U3.	 The following data represents the ages of the 50 richest people in the world in 2009. 89,89,87,86,85,83,83,82,81,80,78,78,77,76,73,73,73,72,69,69,68,67,66,66,65,65,64,63,61,61,60,59,58,57,56 ,54,54,53,53,51,51,49,47,46,44,43,42,36,2000. I. Find the mean, median and mode of the ages of the 50 richest people. Which measures of central tendency best describes a typical entry of this data set. II. Replace 35 instead of 2000 from the data set then rework (i). Compare these measures of central tendency with those found in (i). III. Construct a frequency distribution using the above data after replacing 35 instead of 2000 IV. Construct a relative frequency histogram. 									
	V. Find	the mean, t	he median, t	he mode and	the varianc	e for groupe	d data. Com	ment on the re	sults .	

Studen	t		GPA in semesters							
	1	2	3	4	5	6	7	8		
А	2.5	2.5	3.0	3.5	3.5	4.0	3.5	3.5		
В	2.5	3.0	4.0	4.0	4.0	2.0	2.5	3.5		
	relation between			- 4.14 poisso						
	L). For the follo	-								
	-4.0, -3.9, -3.8, -3.7,									
	reate pur of Z istribution.	Draw stand	iard normai	curve and co	mment the	snarp cnara	cteristics of	tne		
II. C	reate pdf and	cdf of X~N(1	000,250000).						
III. F	ind									
а)P(X=850)									
b)P(X>1200)									
l a)P(1000 <x<200< td=""><td>00)</td><td></td><td></td><td></td><td></td><td></td><td></td></x<200<>	00)								
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