

SURENDRANATH COLLEGE

INTERNAL ASSESSMENT

SEMESTER-1, 2018-19

SUBJECT-STSA

CC-1

Time-30 MINS

Full Marks-10

CU Reg. No.-	SECTION-	ROLL NO.-
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MARKS OBTAINED	Signature of Examiner- With date
MARKS CONVERTED TO 10	Approved by HOD- With date

Question Booklet

<p>Answer any 10.</p> <ol style="list-style-type: none"> Calculate the probable error of correlation coefficient. The coefficient of correlation between X and Y is 0.6. Their covariance is 4.8. The variance of X is 9. Then find sd of Y. When a correlation coefficient does is said to be perfectly positive? Write down a difference between Tabular and Textual representation of data. Write down the measure of coefficient of variation. Let, $\bar{x}=164.734$c.m, median=164.758 c.m.,third quartile=168.446, first quartile=160.951c.m., standard deviation=5.472c.m. , mode=164.836c.m. Using above information find out Bowley's measure of skewness. What is the range of Yule's coefficient of association? Write down the measure of Goodman Cruskal Gamma. Write down any of the properties of Goodman Cruskal Gamma. What is concordant and discordant pair? Mention different parts of a table. Write down regression coefficient of y on x in terms of covariance and variance. Write down correlation coefficient in terms of regression coefficients. What is the difference between discreet and continuous variable? What is five number summaries for a data? 	1X10
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Answer

<i>Q No.</i>	<i>Answer</i>

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