

2019

B.Sc.

4th Semester Examination

STATISTICS (Honours)

Paper - C9P

[Practical]

Full Marks : 20

Time : 3 Hours

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

Answer all questions.

1. Draw the power curve of the following test procedures. Reject the hypothesis that the mean of a normal population with unit variance is zero, if the mean of a sample of size 25 does not lie in between ± 0.3 (take only 7 points). 5
2. In a sample of size 100 from a s bivariate population, the correlation co-efficient is found to be

[Turn Over]

0.25. Test whether it is (i) significant and (ii) significantly less than 0.5. 5+5

3. Laboratory Note Book. 2

4. Viva-voce. 3
