2018

CBCS

3rd Semester

STATISTICS

PAPER—C7P

(Honours)

(Practical)

Full Marks : 20

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Statistical Computing using C/C++ Programming Lab.

Answer any *one* on lottary basis.

1. Write a program (WAP) to find a plot of a graph y = f(x).

2. WAP to find Roots of a quadratic equation.

3. WAP to find sort the value of an array and hence find median.

4. WAP to find mean, median and mode of some input data.

5. WAP to find the variance of user input data.

6. WAP for fitting of lines of regression using user's input data.

7. WAP to calculate the rank and rank co-relation of supplied data.

8. WAP to demostrate Trapezodial rule for some numerical integration supplied by examiner.

9. WAP to find the solution of a linear system of equation. The equation will be supplied by the examiner.

10. WAP to find the tranpose and trace of a matrix.

Experiment   — *15*

Laboratory Note Book — *02*

Viva-Voce   — *03*