

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)

Chromepet, Chennai — 600 044.

M.Sc. - END SEMESTER EXAMINATIONS NOVEMBER - 2022

SEMESTER - I

20PBSCT1003 - Population Studies

Total Duration : 2 Hrs 30 Mins.

Total Marks : 60

Section A

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. Interpret the sources of demographic data.
2. Illustrate the uses of life table in public health program.
3. Classify neonatal mortality rate and foetal mortality rate.
4. Describe various measures of fertility and comparison among them.
5. Explain gross reproduction rate and net reproduction rate.
6. Classify arithmetic growth rate and geometric growth rate.
7. Sketch the geometric progression method.
8. Examine the general principles of internal classification of diseases.

Section B

Part A

Answer any **TWO** questions ($2 \times 10 = 20$ Marks)

9. Discuss the problems involved in the collection of sickness data.
10. Classify reed merrell method.
11. Examine the fitting of gompertz curve.
12. Evaluate the features of population census.

Part B

Compulsory question ($1 \times 10 = 10$ Marks)

13. Explain the logistic curve.
