

Roll.No.

25PBSET1A01

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.Biostatistics - END SEMESTER EXAMINATIONS - NOVEMBER 2025

SEMESTER - I

25PBSET1A01 - Population Studies

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

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

1. Discuss about the scope of demography.
2. Demonstrate about the population pyramid.
3. Explain:
 - (i) Crude Death Rate
 - (ii) Age-Specific Mortality Rate and
 - (iii) Infant Mortality Rate.
4. What are the uses of an abridged life table?
5. Discuss about general and specific fertility rates.
6. Compare National Growth Rate method and Residual Method.
7. Assess about survival ratio method.
8. Explain: Pearl – Reed Method.

Section C

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

9. Establish Chandrasekar's Deming Index.
10. Outline the determinants of fertility
11. Explain about the measures of migration.
12. Describe different measurements of population growth.

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

13. Explain about the columns of the life table.
