M.Sc. DEGREE EXAMINATION,NOVEMBER 2018
I Year I Semester
Core Major -III
POPULATION STUDIES

Time : 3 Hours   **Max.marks :75**

Section A $(10 \times 2 = 20)$ Marks

Answer any **TEN** questions

1. Distinguish between complete and Abridged life tables.
2. What is demographic aging?
3. Write Crude Death Rate formula with an illustration.
4. What is infant mortality rate?
5. Distinguish between Gross reproduction rate and Net reproduction rate.
6. State the assumptions of parity progression ratio.
7. List out various measures of migration.
8. What are the pull factors of migration?
9. Define Stationary population.
10. What do you understand by cohort components method?
11. Mention the sources of demographic data.
12. What is a population pyramid?

Section B $(5 \times 5 = 25)$ Marks

Answer any **FIVE** questions

13. State the limitations of Chandrasekhar Deming Index.
14. Briefly explain the concept of direct and indirect method of standardization
15. Elucidate Crude death rate and standardized death rate with illustrations.
16. Discuss three ways of estimating net migration.
17. Explain the linear growth and exponential growth methods for population projection.
18. Explain push and pull factor for migration with illustration.
19. Explain General fertility rate and Age specific fertility rate.

Section C $(3 \times 10 = 30)$ Marks

Answer any **THREE** questions

20. Explain the nature, Scope and importance of Demography.

21. Explain the construction of life table using a) Reed Merrell method b) Chiang's method.

22. (i) Explain the difference between total fertility and general fertility rate.
    (ii) Explain the determinants of fertility.

23. Discuss overview of migration with illustration.

24. Explain the arithmetic and logistic curve methods of projection for population growth.

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