

B.Sc. DEGREE EXAMINATION, APRIL 2019
II Year III Semester
Demography

Time : 3 Hours

Max.marks :60

Section A ($10 \times 1 = 10$) Marks

Answer any **TEN** questions

1. What is population pyramid?
2. What are the measures of population change?
3. What is the need to study mortality?
4. Define cause of specific death rate.
5. What does meant by life table?
6. Define central of Mortality.
7. Define Crude Birth Rate (CBR).
8. Define dependency ratio.
9. What is population growth?
10. What do you meant by Population projection?
11. Write the equation of logistic curve.
12. What is the difference between life table and abridged life table?

Section B ($5 \times 4 = 20$) Marks

Answer any **FIVE** questions

13. Explain National Family Health Survey (NFHS).
14. What is standardized death rate? Explain the different methods of standardized death rate.
15. Explain structure and components of Abridged Life Tables.
16. Write a note on
 - (i) General Fertility Rate (FMR)
 - (ii) Total Fertility Rate (TFR)
17. Explain (i) Gross Reproduction Rate and (ii) Net Reproduction Rate
18. What is central mortality rate? Prove that, $q_x = \frac{2m_x}{2 + m_x}$
19. Describe the geometric progression method with suitable example

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

Answer any **THREE** questions

20. Write the methods of collecting demographic data.
21. Write a note on
 - (i) Crude Death Rate (CDR)
 - (ii) Age Specific Death Rate (ASDR)
 - (iii) Infant Mortality Rate (IMR)
 - (iv) Post Neonatal Mortality Rate (MMR)
22. Describe in detail the basic structure, construction and uses of life table?
23. Explain Age Specific Fertility Rate (Age-SFR) and its importance.
24. Describe the Gompertz curve.

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