

B.Sc. DEGREE EXAMINATION, NOVEMBER 2018
II Year III Semester
Core Major - Paper VI
DEMOGRAPHY

Time : 3 Hours

Max.marks :60

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

Answer any **TEN** questions

1. What is demography?
2. What is the need to study mortality?
3. Distinguish between stationary and stable population.
4. What is meant by force of mortality?
5. Define Infant Mortality rate
6. What is fecundity?
7. Define Crude Birth Rate (CBR)
8. Define dependency ratio.
9. What is population growth?
10. What do you mean by natural increase?
11. Write the equation of Gompertz 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. Write a note on National Family Health Survey (NFHS).
14. What is standardized death rate? Explain the different methods of standardized death rate.
15. What is meant by expectation of life? Prove that, .
16. Explain Age Specific Fertility Rate (Age-SFR) and its importance.
17. Explain (i) Gross Reproduction Rate and (ii) Net Reproduction Rate
18. What is central mortality rate? Prove that,
19. What is Population estimation in demography? Which estimation method is more accurate and how?

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) Neonatal Mortality Rate (NMR)
 - (iii) Still Birth Ratio (SBR)
 - (iv) Maternal Mortality Rate (MMR)
22. Describe in detail the basic structure, construction and uses of life table?
23. Write a note on
 - (i) General Fertility Rate (FMR)
 - (ii) General Maternal Fertility Rate (GMFR)
 - (iii) Age Specific Fertility Rate (ASFR)
 - (iv) Total Fertility Rate (TFR)
24. Describe the geometric progression method with suitable example.

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