B.Sc. DEGREE EXAMINATION,NOVEMBER 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 demography?
2. What is the need to study mortality?
3. Define stable population.
4. Define force of mortality.
5. What is meant by neonatal Mortality rate?
6. What is meant by fecundity?
7. Define Crude Birth Rate (CBR)
8. Define Child dependency ratio.
9. What is growth of population?
10. What do you meant by method of geometric progression in population estimation?
11. Write the equation of Gompertz curve
12. Distinguish the life table and abridged life table?

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

Answer any **FIVE** questions

13. Explain briefly 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, $e_x^0 = \frac{T_x}{l_x}$
16. Write a note on

    (i) Post Neonatal Mortality Rate (PNMR)

    (ii) Still Birth Ratio (SBR)
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. 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. Describe the methods involved in collecting the demographic data.
21. Explain the concept of General and Specific fertility rates
22. Define Life Table. Describe in detail the basic structure, construction and uses of life table?
23. Explain Age Specific Fertility Rate and its Importance.
24. Describe the Arithmetic progression method with suitable example.

B.Sc. DEGREE EXAMINATION,NOVEMBER 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 demography?
2. What is the need to study mortality?
3. Define stable population.
4. Define force of mortality.
5. What is meant by neonatal Mortality rate?
6. What is meant by fecundity?
7. Define Crude Birth Rate (CBR)
8. Define Child dependency ratio.
9. What is growth of population?
10. What do you meant by method of geometric progression in population estimation?
11. Write the equation of Gompertz curve
12. Distinguish the life table and abridged life table?

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

Answer any **FIVE** questions

13. Explain briefly 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, $e_x^0 = \frac{T_x}{l_x}$
16. Write a note on

    (i) Post Neonatal Mortality Rate (PNMR)

    (ii) Still Birth Ratio (SBR)
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. 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. Describe the methods involved in collecting the demographic data.
21. Explain the concept of General and Specific fertility rates
22. Define Life Table. Describe in detail the basic structure, construction and uses of life table?
23. Explain Age Specific Fertility Rate and its Importance.
24. Describe the Arithmetic progression method with suitable example.