QP CODE: 25024582

25024582

Reg No : .....

Name : .....

M.Sc DEGREE (CSS) EXAMINATION, APRIL 2025

Fourth Semester

M Sc BIOSTATISTICS

ELECTIVE - ST860402 - DEMOGRAPHY AND VITAL STATISTICS

2019 ADMISSION ONWARDS

40D7519A

Time: 3 Hours Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

*Weight **1** each.*

1. Write a short note on Registration
2. What do you mean by Life lines in Lexis diagram?
3. Briefly explain crude rates.
4. Briefly expalin classification of ageing.
5. Breifly explain gestation variables used by Daavis and Blake.
6. Define the events that leads to disability.
7. Briefly describe the different types of life table.
8. What do you mean by internal and international migration?
9. List out the causes of migration.
10. Discuss any two definitions of urbanisation.

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

*Weight **2** each.*

11. Differentiate arithmetic and geometric rates of growth.
12. Discuss about the importance of population projection.
13. Explain rural urban composition.

14. Discuss the estimate suggested for index of postpartum infecundability.

15. Explain neonatal mortality.

16. Describe the limitations of MCCD.

17. Explain migration by sex.

18. Explain the second stage of population growth.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

*Weight **5** each.*

19. Explain the terms (i) Proportion (ii) incidence (iii) person years (iv) prevalence

20. Explain the different measures of marriage used in nuptiality analysis.

21. Write a short note on (i) CDR (ii) CSDR (iii) ASDR (iv) Infant mortality rate (v) Sex specific death rate

22. Explain Optimum Theory of population.

(2×5=10 weightage)