



QP CODE: 26802019



Reg No :

Name :

INTEGRATED M Sc DEGREE EXAMINATION APRIL 2026

Second Semester

INTEGRATED M Sc BASIC SCIENCES - STATISTICS

CORE - IST2CR04 - DEMOGRAPHY, VITAL AND OFFICIAL STATISTICS

2020 Admission Onwards

AFDCBA49

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. Write down the limitations of C-D method.
2. What is meant by adjustment of age data?
3. Briefly explain the sources of raw data of vital statistics.
4. Define maternal mortality rate.
5. Briefly explain general fertility rate.
6. Write down the assumptions for fitting a logistic curve. Also name the methods used for fitting this curve.
7. Explain the importance of component method in population projection.
8. Explain de facto canvasser method of census taking.
9. How can we classify agricultural data?
10. Write any two responsibilities of statistics wing.

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. List out the sources of demographic data.
12. Which are the different ways to check for coverage error?
13. How does different standardised death rates is calculated using method of direct standardisation?





14. Differentiate between lifetable and abridged life table.
15. Mention the drawbacks of Gross reproduction rate.
16. Give a short note on NRR.
17. Write a short note on price statistics.
18. What all sections are dealt under miscellaneous statistics? Explain.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Write a note on Myer's index and its limitations.
20. Write a short note on life table with uses and Explain the construction of life table.
21. i. Write a short note on morbidity. ii. Explain the two different measures of morbidity.
22. Explain trade and labour statistics.

(2×5=10 weightage)

