



QP CODE: 24803758



Reg No :

Name :

INTEGRATED MSC DEGREE EXAMINATION, JUNE 2024

Second Semester

INTEGRATED MSC BASIC SCIENCE-STATISTICS

CORE - IST2CR04 - DEMOGRAPHY, VITAL AND OFFICIAL STATISTICS

2020 Admission Onwards

337ECE50

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. Define Demography.
2. Define tendentious bias.
3. Differentiate between sex specific death rate and cause specific death rate.
4. Differentiate between abridged lifetable and complete life table.
5. Briefly explain crude birth rate.
6. Explain MIR.
7. What is meant by the force of mortality at age x?
8. Which are the two divisions in price statistics?
9. What does DIS and DGCIS stands for?
10. Which are the three divisions of programme implementation wing of MOSPI?

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. What is the role of balancing equation in coverage error checking?
12. Distinguish between population density and population composition.
13. Explain case fatality rate and also write down its advantages and drawbacks.
14. Differentiate between lifetable and abridged life table.





15. Explain crude rate of natural increase and vital index.
16. Explain the nature of the logistic curve.
17. Write a short note on transportation and communication statistics
18. Write down any five responsibilities of NSO

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. i. Write a short note on age reporting biase. ii. Explain United Nation's Index.
20. Write a short note on abridged life table and explain Greville's method.
21. Write notes on GRR and NRR.
22. Give short notes on population statistics and agricultural statistics.

(2×5=10 weightage)

