



QP CODE: 26802021



26802021

Reg No :

Name :

INTEGRATED M Sc DEGREE EXAMINATION APRIL 2026

Second Semester

INTEGRATED M Sc BASIC SCIENCES - STATISTICS

**COMPLEMENTARY - IST2CM06 - COMPUTER SCIENCE II- SPREADSHEET AND
DATABASE MANAGEMENT**

2020 Admission Onwards

D459CDD7

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

Answer any **eight** questions.

Weight **1** each.

1. What is Microsoft Excel?
2. What is a worksheet comment? How comments are added in worksheet?
3. Define median() function.
4. Define filtering in MS Excel.
5. How does V LOOKUP function works?
6. Define instance.
7. Who is DBA?
8. Define Naive users in Database.
9. Discuss the basic form of SQL query.
10. Define key constraint.

(8×1=8 weightage)

Part B (Short Essay/Problems)

Answer any **six** questions.

Weight **2** each.

11. How many data formats are available in Excel? Name some of them.
12. Explain conditional formatting. How to remove conditional formatting from a work sheet?
13. What is legend in Excel chart? How to add legend?





14. Explain different languages in DBMS.
15. Explain relational algebra in detail .
16. Distinguish between primary key and foreign key.
17. Write short notes on aggregate functions.
18. Distinguish between GROUP BY and ORDER BY clauses in SQL.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. What is macro? Explain the procedure for recording and running a macro in Excel.
20. Explain mathematical functions with the help of an example.
21. Write a note on the concept of E-R diagram.
22. Write a note on: (a) BETWEEN and AND operator (b) LIKE operator (C)IN and NOT IN operators.

(2×5=10 weightage)

