

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)

Chromepet, Chennai - 600 044.

M.Sc.(CS)- END SEMESTER EXAMINATIONS APRIL - 2024

SEMESTER - III

20PCSCT3008 - Advanced Database Management Systems

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. Compute the architecture for parallel databases.
2. Determine the operations on structured data.
3. Describe the recursive queries with negation.
4. Justify the mining rules in datamining.
5. Illustrate about web search engines with example.
6. Demonstrate on parallel query optimization.
7. Classify RDBMS and ORDBMS.
8. Implement the techniques for OLAP.

Section C

I - Answer any **TWO** questions ($2 \times 10 = 20$ Marks)

9. Evaluate how to update distributed data and transaction with example.
10. Determine the ORDBMS along with implementation challenges.
11. Demonstrate the theoretical foundations with example.
12. Infer about Similarity Search over Sequences with an example.

II - Compulsory question ($1 \times 10 = 10$ Marks)

13. Analyse the types of spatial data and queries with an example.
