



K26U 0104

Reg. No. :

Name :

**Sixth Semester B.C.A. Degree (CBCSS – OBE – Regular/Supplementary/
Improvement) Examination, April 2026
(2020 to 2023 Admissions)
DISCIPLINE SPECIFIC ELECTIVE
6B20BCA – E01 : Data Mining and Data Warehousing**

Time : 3 Hours

Max. Marks : 40

**PART – A
(Short Answer)**

Answer **all** the questions.

(6×1=6)

1. What do you mean by data mining ?
2. What is KDD ?
3. State an Association rule.
4. Expand the term OLAP.
5. What are the features of clustering ?
6. List any two decision tree construction algorithms.

**PART – B
(Short Essay)**

Answer **any six** questions.

(6×2=12)

7. Differentiate briefly between KDD and data mining.
8. List any two OLAP operations.
9. Briefly list challenges during data mining.

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10. Briefly explain the need for apriori algorithm in association rule mining operation.
11. Write a short note on web mining.
12. Briefly describe any one clustering method.
13. Explain partition algorithm briefly.
14. What do you mean by decision trees ?

PART – C
(Essay)

Answer **any four** questions.

(4×3=12)

15. Explain the difference between DBMS and data mining.
16. What do you mean by multidimensional data model ?
17. Explain incremental growth algorithm for association rule mining.
18. Explain temporal data mining in detail.
19. What are the various splitting criteria for decision tree construction ?
20. Write a short note on hierarchical clustering.

PART – D
(Long Essay)

Answer **any two** questions.

(2×5=10)

21. Discuss the architecture of data warehousing.
 22. Explain in detail any two data mining techniques.
 23. Explain Pincer-search algorithm in detail.
 24. Compare CLARA and CLARANS clustering techniques.
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