



K22U 0346

Reg. No. :

Name :



VI Semester B.C.A. Degree (CBCSS – OBE – Regular) Examination, April 2022
(2019 Admission)

Core Course

Discipline Specific Elective

6B20BCA-E01 : DATA MINING AND DATA WAREHOUSING

Time : 3 Hours

Max. Marks : 40

PART – A
(Short Answer)

Answer **all** questions :

(6×1=6)

1. What is Data mining ?
2. Expand OLAP.
3. What is a Decision Tree ?
4. Expand ID3.
5. What is KDD ?
6. List any two advantages of Data Warehouses.

PART – B
(Short Essay)

Answer **any 6** questions :

(6×2=12)

7. What is Web Mining ?
8. What is CLARA ?
9. What are frequent itemsets ?
10. Define support in Association rules.

P.T.O.



- 11. Give four application areas of Data Mining.
- 12. What is Data Preprocessing ?
- 13. What is a Data Warehouse ?
- 14. How does Pincer Search overcome the disadvantage of Apriori algorithm ?

PART – C
(Essay)

Answer **any 4** questions :

(4×3=12)

- 15. What is Data Visualization ?
- 16. Explain about Spatial Mining.
- 17. What are partitioning algorithms ?
- 18. Explain hierarchical clustering.
- 19. Explain the limitations of the Apriori algorithm.
- 20. Describe briefly the stages of KDD.

PART – D
(Long Essay)

Answer **any 2** questions :

(2×5=10)

- 21. Explain the *k*-Medoid algorithm.
 - 22. Describe briefly the C4.5 algorithm. How does it differ from ID3 ?
 - 23. Discuss the challenges faced in Data Mining.
 - 24. Explain the various OLAP operations.
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