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(FOR THE CANDIDATES ADMITTED

19 UBC 6E5

DURING THE ACADEMIC YEAR 2019-2022 ONLY)

REG.NO. :

N.G.M.COLLEGE (AUTONOMOUS): POLLACHI

END-OF-SEMESTER EXAMINATIONS: JULY 2022

B.C.A

MAXIMUM MARKS: 75

SEMESTER: VI

TIME : 3 HOURS

PART - III

DATA MINING AND WAREHOUSING

SECTION – A

(10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

MULTIPLE CHOICE QUESTIONS.

(K1)

1. Which one of the following refers to querying the unstructured textual data?
(a) Information access (b) Information update
(c) Information retrieval (d) Information manipulation
2. _____ obtains a reduced representation of the data set that is much smaller in volume, yet produces the same analytical results.
(a) Data Cleaning (b) Data reduction
(c) Data Integration (d) Data Transformation
3. _____ algorithms attempt to improve accuracy by removing tree branches reflecting noise in the data.
(a) Rain Forest (b) Tree Pruning (c) Decision Tree (d) Naïve Baye
4. _____ is defined as the process where data relevant to the analysis is decided and retrieved from the data collection.
(a) Data Collection (b) Data Selection (c) Data Cleaning (d) Data Processing
5. _____ is the secure electronic storage of information by a business or other organization.
(a) Data Mining (b) Web Mining (c) Data Warehousing (d) Text Mining

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES

(K2)

6. Define Data Mining.
7. What is Data Cleaning?
8. Define Decision Tree.
9. Expand KDD.
10. List two usages of Data warehousing.

SECTION – B

(5 X 5 = 25 MARKS)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K3)

11. a) Explain Introduction to Data mining.

(OR)

- b) What are the major issues in data mining? Explain

(CONTD 2)

12. a) Describe the process of data cleaning.
(OR)
b) Examine Redundancy and Correlation Analysis in Data Mining.
13. a) List out the steps involved in data selection
(OR)
b) What is OLAP and what types of OLAP tools are available? Discuss
14. a) What are the five types of knowledge produced from data mining? Explain
(OR)
b) Describe the two important steps for data enrichment.
15. a) Write a short note on concepts of Data Warehousing.
(OR)
b) Explain the important steps involved in Data warehouse Implementation.

SECTION - C**(4 X 10 = 40 MARKS)****ANSWER ANY FOUR OUT OF SIX QUESTIONS.****(K4 (Or) K5)****(16th QUESTION IS COMPULSORY AND ANSWER ANY THREE QUESTIONS:**

16. Define data visualization. List and explain different types of data visualization techniques in data mining.
17. What is Data Object? Explain different types of Attributes in data objects.
18. What is Data Reduction? Explain Overview of Data reduction strategies in data mining.
19. Illustrate K-Nearest Neighbor algorithm in data mining.
20. Explain briefly the golden Rules in KDD Environment.
21. What kind of data is used for generalization? Explain.
