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(FOR THE CANDIDATES ADMITTED DURING THE ACADEMIC YEAR 2023-24 ONLY)

SUBJECT CODE 23 UBC 6E7

REG.NO.

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

END-OF-SEMESTER EXAMINATIONS : MAY– 2026

B.C.A. **MAXIMUM MARKS: 75**

VI SEMESTER **TIME : 3 HOURS**

PART – III

DATAMINING AND WAREHOUSING

SECTION – A (10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS. (K1)

1. A tool to find, patterns and correlations within large data set
   a) database b) data warehouse
   c) Schema d) data mining
2. It removes errors, standardize data and automate workflow
   a) cleaning b) clustering
   c) monitoring d) filtering
3. The process of partitioning the data into the same class,
   a) Regression b) prediction
   c) Schema d) clustering
4. KDD stands for
   a) Knowledge Data from Database
   b) Knowledge Discovery from Database
   c) Knowledge Data from Dataset
   d) Knowledge Discovery from Dataset
5. A centralized repository designed for storing, integrating, and analyzing large volumes of historical and current data from multiple sources
   a) data warehouse b) file c)data mart d) table

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES (K2)

6. A process to extract information form data ware house is ----------
7. What is mean by tuble?
8. Expand OLAP?
9. What is the purpose of data cleaning?
10. What is an attribute?

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SECTION – B (5 X 5 = 25 MARKS)

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

(K3)

11. a) Explain the different kinds of data used in data mining.

(OR)

b) Discuss the Major Issues in data mining**.**

12. a) Write short note on data integration.

(OR)

b) Explain the strategies used for data reduction.

13. a) Explain the preliminary analysis of data set.

(OR)

b) Explain the concept of association Rules.

14. a) Explain the data selection process.

(OR)

b) Write short note on reporting.

15. a) Elaborate on the concept of modeling.

(OR)

b) Explain attribute oriented induction.

SECTION – C (5 X 8 = 40 MARKS)

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

(K4 (Or) K5)

16. a) Discuss the applications and trends of Data mining.

(OR)

b) Explain data objects & attribute types**.**

17. a) Examine the process of data cleaning.

(OR)

b) Describe the strategies of data transformation.

18. a) Explain the tools used in OLAP.

(OR)

b) Describe Genetic algorithms?

19. a) Explain the different form of knowledge representation.

(OR)

b) State the ten golden Rules of datamining.

20. a) Explain the concept of data warehouse.

(OR)

b) How is a data ware house implemented? Explain.

ETHICAL PAPER

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