Mid-West University
Examinations Management Office
Final Examinations -2082

Bachelor level/B.Sc. CSIT/VII Semester   Full Marks: 60
Time: 3 hrs.   Pass Marks: 30
Subject: Data Warehousing and Data Mining (COM473)

Candidates are required to give answers in their own words as far as practicable. Figures in the margins indicate marks.

Group A

Very short questions (Attempt all)   [8 x 2 = 16]

1. Define data mining and data warehousing.
2. What do you mean by neural network?
3. Define unsupervised learning and supervised learning.
4. What is the use of association rule in data mining?
5. What do you mean by data discretization and data cleaning?
6. Define web mining.
7. How can you define meta data?
8. What do you mean by Market Basket Analysis?

Group B

Short answer questions (Attempt any five)   [5 x 4 = 20]

9. What is KDD? Explain the Features of Data Warehouse.

10. What do you mean by Data Cubes? Explain its pros and cons.

11. Explain data reduction technique.

12. Explain Cluster Analysis. What are the properties of Clustering?

13. What is a Multimedia database? Explain its key component.

14. What is decision tree? Describe the process of Data Cleaning.

Group C

Long answer questions (Attempt any three)   [3 x 8 = 24]

15. What are the benefits of using Apriori Algorithm? Explain Apriori Algorithm.
16. Explain the Architecture of Data Warehouse. Highlights the relevancy of genetic algorithm in DWDM.
17. What do you mean by data mining primitives? Explain its common technique.
18. What is Multidimensional Data Model? Explain its key components.

The End