



QP CODE: 26800204



26800204

Reg No : .....

Name : .....

**I M C A DEGREE EXAMINATION, DECEMBER 2025**  
**Seventh Semester**  
INTEGRATED MCA  
**CORE - IMCA7C03 - DATA MINING AND WAREHOUSING**  
2020 ADMISSION ONWARDS  
63CEC3ED

Time: 3 Hours

Maximum: 75 Marks

**Part A**

*Answer any **ten** questions*  
*Each question carries **3** marks*

1. How is data warehouse similar to a database?
2. Explain Slice and Dice operations of OLAP.
3. Write short note on Dimension Table.
4. Define Feature Attribute Construction?.
5. Define Feature Selection.
6. Comment on the importance of Data Visualization.
7. Define Post Pruning.
8. List any three issues regarding Prediction.
9. Define Euclidean distance.
10. Write shore note on AGNES.
11. Define local clustering in social network.
12. Describe about Stop list.

(10×3=30 marks)

**Part B**

*Answer **all** questions*  
*Each question carries **9** marks*

13. a) Draw and describe Star Schema.

OR





b) Elucidate Data Warehouse.

14. a) Write the pseudo code of Apriori Algorithm and explain with an example.

OR

b) Illustrate the need of Data Discretisation. Explain any 4 methods.

15. a) Apply Naïve Bayes Classifier algorithm on an example.

OR

b) Write Iterative Dichotomiser (ID3) algorithm and explain with an example.

16. a) List out the various types of data in Cluster Analysis?

OR

b) Compare the Agglomerative and Divisive Hierarchical Clustering?

17. a) Clearly explain how Graph mining is helpful in extracting frequent substructures?

OR

b) In detail describe the challenges of Web mining?

(5×9=45 marks)

