Roll No. ⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚   **Total No. of Pages : 02**

Total No. of Questions : 09

M.Sc. (Computer Science) (2015 & Onwards) (Sem.–3)
DATA MINING & WAREHOUSING
Subject Code : MSC-304
Paper ID : [A3171]

Time : 3 Hrs.   **Max. Marks : 60**

INSTRUCTIONS TO CANDIDATES :
 1. **SECTIONS-A, B, C & D contains TWO questions each carrying TEN marks each and students has to attempt any ONE question from each SECTION.**
 2. **SECTION-E is COMPULSORY consisting of TEN questions carrying TWENTY marks in all.**

SECTION-A

Q1) What is Data Warehousing? Discuss the Data warehouse role & Structure.

Q2) Differentiate OLAP and OLTP.

SECTION-B

Q3) Discuss the Data Warehouse Architecture.

Q4) Explain the Data Warehouse Back End Tools and utilities.

SECTION-C

Q5) Explain Data Mining Application and Trends.

Q6) Discuss the Data Mining Techniques.

SECTION-D

Q7) Elaborate the major clustering algorithms.

Q8) What do you mean by Prediction techniques explain them in detail?

SECTION-E

Q9) Answer briefly :

a) Discuss OLAP operations

b) Explain Data Mining

c) What is data pre processing?

d) What do you mean by Star Schema?

e) Explain Data Warehouse characteristics.

f) What do you mean by Database Segmentation?

g) Discuss Data Transformation.

h) Discuss Informational Data Stores.

i) Express the steps used to design data warehouse,

j) What is Link Analysis?