

S.D.E.
M.C.A. Sem - IV : WINTER - 2018
SUBJECT: DATA WAREHOUSING & DATA MINING

Day: Thursday
Date: 06/12/2018

W-2018-4809

Time: 02.00 PM TO 05.00 PM
Max. Marks: 80

N.B.:

- 1) Attempt any **FOUR** questions from Section –I and any **TWO** questions from Section–II.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) . Answer to both the sections should be written in **SAPARATE** answer book
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SECTION –I

- Q.1** Define Data Warehousing (DW) and explain its characteristics. (12)
- Q.2** Compare Data Warehousing Vs operational system. (12)
- Q.3** Explain star schema with example for Multidimensional data bases. (12)
- Q.4** Explain classification method with decision tree. (12)
- Q.5** Explain association rule mining with example. (12)
- Q.6** Discuss various clustering techniques in brief. (12)

SECTION-II

- Q.7** Write a apriori algorithm using candidate generation. (16)
- Q.8** Explain K- Means, K- Medoids method used in clustering. (16)
- Q.9** Design various data- marts required to establish a data warehouse in university. (16)

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