

S.D.E.
M.B.A. (IT) SEM – IV (2010 COURSE) (3 YEAR COURSE) :
SUMMER - 2018
SUBJECT : DATA WAREHOUSING & DATA MINING

Day : **Saturday**
Date : **02/06/2018**

S-2018-4549

Time : **02.00 P.M. TO 05.00 P.M.**
Max. Marks : 70

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) Answers to both the sections should be written in the **SEPARATE** answer books.
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SECTION – I

- Q.1** Discuss the three tier data warehouse architecture in brief. (10)
- Q.2** What is clustering? What are basic requirements of cluster analysis? (10)
- Q.3** Explain the concept of data transformation with the help of example. (10)
- Q.4** List and describe the primitives for specifying data mining tasks. (10)
- Q.5** Write short notes on any **TWO**: (10)
- a) Bayes Theorem
 - b) Data mining query language
 - c) Fuzzy set

SECTION – II

- Q.6** Explain the role of data mining in Health care in brief. (15)
- Q.7** A mobile service company wants to propose a scheme to specify customer group. How data warehousing can be used in this case? Discuss what data mining techniques you propose. State your assumptions. (15)
- Q.8** Explain in detail the star, snowflakes and fact constellation schema for multidimensional databases. (15)

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