

**S.D.E.**

**M.B.A. (I.T.) SEM-IV (2013 COURSE) : WINTER - 2017**

**SUBJECT : DATA WAREHOUSING & DATA MINING**

Day : **Wednesday**

Time : **02.00 P.M. TO 05.00 P.M.**

Date : **20/12/2017**

**W-2017-4338**

Max. Marks : 70

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**N.B.:**

- 1) Attempt **ANY THREE** questions from Section – I and attempt **ANY TWO** questions from Section – II.
  - 2) Answers to both the sections should be written in **SEPARATE** answer books.
  - 3) Figures to the right indicate **FULL** marks.
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**SECTION – I**

- Q.1** What is Data Preprocessing? Explain its need and process. **[14]**
- Q.2** What is Data Warehouse? Explain the difference between operational database and data warehouse. **[14]**
- Q.3** What is OLAP? Explain various OLAP operations. **[14]**
- Q.4** What is Data Mining? Explain the need and importance of association analysis of data mining. **[14]**
- Q.5** Write short notes on **ANY TWO** of the following: **[14]**
- a) Cluster analysis
  - b) Data generalization
  - c) Multidimensional schema

**SECTION – II**

- Q.6** Explain application of Data Mining in retail industry. **[14]**
- Q.7** Explain classification of data mining. **[14]**
- Q.8** Explain Data Mining primitives and its role with suitable example. **[14]**

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