

SUBJECT: DATA WAREHOUSING AND DATA MINING

Day: Monday
Date: 20/05/2019

Time: 02.30 pm to 05.30 pm
Max. Marks: 60

S-2019-1362

N.B:

- 1) Attempt **ANY SIX** questions.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat diagram **WHEREVER** necessary.
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- Q.1** What is Data Warehouse? What are the benefits of DWH? Explain with suitable scenario. (10)
- Q.2** Explain the concepts of: ‘Association Rules’, ‘Decision Tree’ & ‘Clustering’ in brief. Provide suitable example for each of them. (10)
- Q.3** Explain Statistical and Analytical OLAP SQL queries with examples. (10)
- Q.4** What do you mean by KDD? What is ‘Data Mining’ and why it is required. Justify your answer. (10)
- Q.5** What are ‘Data Models’? Explain the concept of Dimensional Modeling with example. (10)
- Q.6** Explain the scenario of ETL in detail. (10)
- Q.7** Compare OLAP with OLTP in detail. (10)
- Q.8** Differentiate between Data warehouse and Data Mart with enterprise requirement scenarios. (10)

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