

B.Sc. (I. T.) Sem. - VI (2011 Course) : WINTER - 2018
SUBJECT: ELECTIVE : DATA WAREHOUSING & DATA MINING

Day: Friday
Date: 07/12/2018

W-2018-1114

Time: 10.00 am to 12.00 Noon
Max Marks: 40

N.B. :

- 1) Attempt **ANY FOUR** questions.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw appropriate figures wherever necessary.
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Q.1 a) Explain different operations that can be performed in OLAP with examples. **(06)**

b) Explain the terms Staging Area, Data Marts and Cubes. **(04)**

Q.2 a) Distinguish between Online Transaction Processing (OLTP) and Online Analytical Processing (OLAP). **(05)**

b) Describe the issues and challenges in the implementation of a Data Warehouse. **(05)**

Q.3 What is data preprocessing? What are the major tasks involved in data preprocessing? **(10)**

Q.4 What is Association Rule Mining? Explain two association rule algorithm with an example. **(10)**

Q.5 Write short notes on: **(10)**

a) Data Model

b) Data Mart

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