| BICS-020 |

B.Tech. – VIEP – COMPUTER SCIENCE AND ENGINEERING (BTCSVI)

Term-End Examination

December, 2017

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BICS-020 : DATA WAREHOUSING AND MINING

Time : 3 hours　　　　　　　　*Maximum Marks : 70*

Note : *Attempt any* **seven** *questions. All questions carry equal marks.*

1. What is meant by Advanced Database System ? Describe the pattern generated using database. *10*

2. Draw and explain the architecture of Data Mining System. *10*

3. Explain Data Warehouse Tuning and Testing with an example. *10*

4. How do you test the data warehouse ? Explain with an example. *10*

5. (a) Describe Data Mining Primitives. *5*

   (b) Write short notes on the following : *5*

   (i) Data Reduction

   (ii) Data Integration

6. What do you mean by Data Preprocessing ? Explain with the help of example. *10*

7. (a) Explain in brief about ETL process. *5*

   (b) Differentiate between Metadata and Data Mart. *5*

8. Differentiate between OLTA and OLAP. *10*

9. Mention the issues regarding classification and prediction. *10*

10. Explain Market Basket Analysis. *10*