

**I.M.C.A. SEM–VI (2014 COURSE) CBCS : WINTER - 2017**

**SUBJECT : BUSINESS INTELLIGENCE**

Day : **Saturday**  
Date : **11/11/2017**

Time : **10.00 AM TO 01.00 PM**  
Max. Marks : 100

**W-2017-1677**

**N.B.**

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

**SECTION – I**

- Q.1** What is OLAP? Explain different components of OLAP. (15)
- Q.2** Define data mart? What are the reasons for creating the data marts? (15)
- Q.3** Why data preprocessing is required? What are the different data preprocessing techniques? (15)
- Q.4** Draw and explain the framework of Business intelligence. (15)
- Q.5** How Decision Support System works? Give suitable example. (15)
- Q.6** What is data warehouse schema, explain with suitable case. (15)
- Q.7** Draw and explain the architecture of data mining. (15)

**SECTION – II**

- Q.8** What is classification and prediction? Explain classification by decision tree induction. (20)
- Q.9** What is cluster analysis? Explain K-mean method with suitable case from industry? (20)
- Q.10** Explain the different business intelligence tools with suitable case and compare informatica and Cognos. (20)

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