



DPP-1379

M. Sc. (C. A.) (Sem. II) Examination

April / May - 2016

204 - Data Warehousing & Data Mining

Time : 3 Hours]

[Total Marks : 70

Instruction :

नीचे दृष्टावेक निशानीवाणी विगतो उत्तरवडी पर अवश्य कभवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="M. Sc. (C. A.) (SEM. 2)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="204 - DATA WAREHOUSING & DATA MINING"/>	<input type="text"/>
Subject Code No. : <input type="text" value="1"/> <input type="text" value="3"/> <input type="text" value="7"/> <input type="text" value="9"/>	<input type="text"/>
Section No. (1, 2,.....) : <input type="text" value="Nil"/>	<input type="text"/>
	Student's Signature

1 Answer the following : 14

- (1) What is an ARFF? Define term : Instance and attributes.
- (2) What is Association rule? How are association rules mined from large databases?
- (3) Define term data warehouse and data mart.
- (4) Describe the chi-squared method.
- (5) What do you mean by supervised data mining?
- (6) List various data mining application.
- (7) What do you mean by gini index? Describe it.

2 (a) Explain Multilevel Association Rule Mining, Multi Dimensional Association Rule Mining. Compare them. 7

OR

- (a) Explain Decision tree Model based classifier in details. 7
- (b) Explain the various schema of OLAP system. 7

OR

(b) Explain KDD process in details. 7

- 3** (a) Explain Apriori Algorithm, its limitations and improvements. **7**
- (b) How to build Classification rules? Also explain Direct and Indirect Methods. **7**

OR

- 3** (a) Explain various application of data warehouse. **7**
- (b) Describe mining Spatial Databases in detail. **7**
- 4** Answer the following : (any three) **14**
- (1) Explain major issues in data mining.
- (2) Explain Mining Spatial Databases
- (3) Describe Hunts Algorithm.
- (4) Explain any TWO clustering methods in details.
- 5** Explain following Notes : (any two) **14**
- (1) Text mining
- (2) Outlier Analysis
- (3) K-mean algorithm.
