



AC-1379

M. Sc. (Comp. Application) (Sem. II) Examination
April / May - 2015

Paper - 204 : Data Warehousing & Data Mining

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

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| नीचे दर्शायेव निशानीवाणी विगतो उत्तरवडी पर अवश्य वपवी. Fillup strictly the details of signs on your answer book. | Seat No. : |
| Name of the Examination : | <input type="text"/> |
| M. SC. (COMP. APPLICATION) (SEM. II) | <input type="text"/> |
| Name of the Subject : | <input type="text"/> |
| PAPER - 204 : DATA WAREHOUSING & DATA MINING | <input type="text"/> |
| Subject Code No. : <input type="text"/> 1 <input type="text"/> 3 <input type="text"/> 7 <input type="text"/> 9 | Student's Signature |
| Section No. (1, 2,.....) : <input type="text"/> Nil | |

Q1. Answer the following questions

[14]

1. Define the term: data warehouse and data mart. Discuss advantages of Data Warehousing.
2. Define the term: data mining. Discuss various data mining techniques and its application in various fields in brief.

Q2. Answer the following questions

[14]

1. What is the difference between OLAP and OLTP? Discuss in detail.
2. Explain snowflake schema with suitable example. Also discuss advantages of Snowflake schema in comparison with Star Schema.

Q3. Answer the following questions (Any Two)

[14]

1. What is association rule in data mining? Define the term support and confidence with example.
2. Discuss Time series analysis in detail.
3. Explain Mining Multimedia Databases in detail.

Q4. Answer the following questions (Any Two)

[14]

1. Discuss KDD process in detail.
2. Discuss various data pre processing techniques in detail.
3. Discuss "Linear regression based prediction" in detail.

Q5. Answer the following questions (Any Two)

[14]

1. Explain web structure mining and web content mining.
2. Explain Outlier Analysis- Statistical based, Distance based, Deviation based in brief.
3. Discuss classification in detail.