



A-5738

M.C.A. (Sem. V) Examination

March / April - 2015

505 : Data Warehousing & Data Mining

Time : 3 Hours]

[Total Marks : 70

Instruction :

नीचे दृष्टावेव निशानीवाणी विगतो उत्तरवडी पर अवश्य कर्णवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="M.C.A. (Sem. V)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="505 : Data Warehousing & Data Mining"/>	<input type="text"/>
Subject Code No. : <input type="text" value="5"/> <input type="text" value="7"/> <input type="text" value="3"/> <input type="text" value="8"/>	<input type="text"/>
Section No. (1, 2,.....) : <input type="text" value="NIL"/>	<input type="text"/>
	Student's Signature

- 1 Do as directed 14
 - (a) Explain following terms with proper example. (Any 2) 12
 - (i) Concept hierarchy
 - (ii) Roll-up and drill down operation
 - (iii) Data cube
 - (iv) Fact and dimension
 - (b) Define Data Mart 2

- 2 Attempt any 2 : 14
 - (a) What is Data warehouse? Explain characteristics of Data warehouse.
 - (b) Explain snow flack schema for data warehouse.
 - (c) Explain characterization and discrimination using example.

- 3 Attempt any 2 : 14
 - (a) Briefly explain various pre-processing techniques for data mining.
 - (b) Explain association rule mining with example. Also discuss multilevel and multidimensional association rule.
 - (c) What is data mining? Explain characteristics of predictive and descriptive data mining.

- 4 Attempt any 2 : 14
- (a) Explain with example – Frequent item set, closed item set, candidate generation for association rule mining.
 - (b) State disadvantages of Apriory algorithm. Explain FP-Growth using proper example.
 - (c) List various classification models. Explain any one.
- 5 Attempt any 2 : 14
- (a) With an example explain various attribution selection measures in classification.
 - (b) Discuss various clustering methods.
 - (c) Write a note on application of data mining.
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