

MGKVP University Question Paper  
B.C.A. Sixth Semester  
Examination, 2016  
Fourth Paper  
(Knowledge Management)  
MGKVPonline.com

Time : Three Hours

Maximum Marks : 75

Note : Attempt any five questions. All questions carry equal marks.

Note : The answers to short questions should not exceed 200 words and the answers to long questions should not exceed 500 words.

1. (i) What do you understand by Data Mining? Define and explain briefly. (7+8)  
(ii) What is OLAP? What are its applications in business?
2. What do you understand by the term "Groupware Technologies"? How are they used for Group Decision Support? (15)
3. Explain the concept of a Data Mart. Give some real world examples of actual and virtual (online) Data Marts and explain their working. (15)
4. With the help of clear diagrams, explain the architecture of a typical Data Warehouse. How are the workflows and process flows organized around this architecture? Discuss. (15)
5. Describe briefly the techniques involved in. (5+5+5)
  - (a) Backup and archiving of data in a Warehouse
  - (b) Mirroring Techniques
  - (c) Maintenance of Systems log for Data and Transaction Audit.
6. Discuss the process of : (5+5+5)
  - (a) Knowledge engineering for Expert System.
  - (b) Knowledge Base Construction.
  - (c) Limitations of Knowledge Management Systems.
7. What are the different components' of Business Intelligence? How can we model the decision making process? Give a case study in favour of your answer. (15)
8. What are the different techniques for Data modeling and Data Mining of a stored data-base? Also discuss the tools for data mining of an advanced database. (15)
9. Write short notes on : (5+5+5)
  - a) Knowledge discovery Process
  - b) Business Expert Systems
  - c) Benchmarking

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