MCA (Revised)

Term-End Examination

June, 2009

05464

MCS-052 : PRINCIPLES OF MANAGEMENT AND INFORMATION SYSTEMS

Time : 2 hours   *Maximum Marks : 50*

Note :   *Question No.1 is **compulsory**. Attempt **any three** questions from the rest. Attempt all parts of same question together.*

1.   (a)   What do you mean by KDD (Knowledge-Discovery in Databases). What is basket analysis using Data mining ?   5

     (b)   Explain the working of Fuzzy logic and Fuzzy Expert systems.   5

     (c)   Explain 5 benefits of an ERP implementation in an organization.   5

     (d)   Compare and contrast vertical and horizontal organization. Also, give an example for each.   5

2.   (a)   How does a middleware can help in faster implementation of ERP in any organization bearing its own existing information system ?   5

     (b)   Explain various components of an ERP ?   5

3. (a) Explain evolutionary algorithm. What are 5 different branches of evolutionary algorithms ?

    (b) Compare and contrast conventional AI and 5 computational Intelligence techniques.

4. (a) What is a business process ? How are they 5 mapped with the functional areas of an organization ? How does information system integration make them more powerful – explain ?

    (b) What is role of DSS in better functionality 5 of an organization ?

5. (a) Explain the process of capturing 5 knowledge. Differentiate between combination and internationalisation. What are knowledge capture stages ?

    (b) Explain the role of Business intelligence 5 reports in the information system of an organization ?

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