

MCA (Revised)
Term-End Examination
December, 2007

**MCS-052 : PRINCIPLES OF MANAGEMENT
AND INFORMATION SYSTEMS**

Time : 2 hours

Maximum Marks : 50

Note : Question number 1 is **compulsory**. Attempt any **three** questions from the rest.

1. (a) How is the artificial neural network technique used for business forecasting ? Also, explain the advantages and disadvantages of genetic algorithms in business organizations. 6
- (b) How does selection of ERP vendor play a vital role in its better implementation in an organization ? 5
- (c) Explain portfolio management methods and steps for their implementation. 4
- (d) Describe the tools used in requirement analysis of software design and its management. 5
2. (a) Describe various classifications of Decision Support System and their respective usages in an organization. 5
- (b) Explain the usage of Discounted Cash Flow (DCF) and Payback Period for the finance department of any organization. 5

3. (a) How do Business Intelligence techniques play a vital role in the development of an organization ? 6
- (b) Explain the usage of OLAP reporting along with its type in DSS of any organization. 4
4. (a) How does intelligent information system improve quality of management for any organization ? 5
- (b) Explain stages of business analytics and its various types. 5
5. (a) Explain how Internet crime has become a major threat for any organization. What all precautions should be taken ? 6
- (b) Explain the "Corporate Code of Ethics". 4