

MCA (Revised)**Term-End Examination****June, 2012**

04767

MCS-052 : PRINCIPLES OF MANAGEMENT AND INFORMATION SYSTEMS*Time : 2 hours**Maximum Marks : 50*

Note : Question No. 1 is compulsory. Answer any three questions from the rest.

1. (a) Briefly describe the term "Organisation". 5
Give macro level categorization of an organisation.
- (b) Describe the terms "IRR" & "DCF". 5
Calculate the "IRR" for "NPV" = 0. Answer the question by referring table :
- | | | |
|-----------|------|------|
| Year | 0 | 1 |
| Cash flow | -100 | +120 |
- (c) Explain the relationship among TPS, MIS, DSS and EIS in an organisation. 5
Explain the individual significances of DSS, TPS & MIS.
- (d) Discuss the term OLAP. How OLAP is different from Data Mining ? Can we use OLAP as a tool for strategic management. 5
Comment.

2. (a) What do you understand by the term "TOTAL COST OF OWNERSHIP" (TCO) of an information system ? Evaluate the factors which affect 'TCO' of any information system implementation in an organization. 5
- (b) Discuss the impact of web enabled ERP on SCM. 5
3. (a) What is Business Intelligence "(B.I.) ? Identify two B.I. tools from open source category & two from proprietary category, briefly discuss one tool from each category. 5
- (b) What is Business Analytics. Briefly discuss the different stages of Business Analytics. 5
4. (a) What is the role of Information Technology (IT) in Risk management of any organization. 5
- (b) Explain the role of Decision Support System at different stages of management. 5
5. (a) Discuss the term "Knowledge Management". What is the importance of knowledge management in an organisation 5
- (b) Compare and contrast the following (any two) 5
 - (i) Hacking and Cracking
 - (ii) Cyber Crime and Computer Crime
 - (iii) Cyber War and Cyber Terrorism.