

END TERM EXAMINATION

SIXTH SEMESTER [BCA] MAY-2010

Paper Code: BCA 302**Paper ID: 20302****Time : 3 Hours****Subject: Management Information Systems****Maximum Marks : 75****Note: Section A is compulsory. Attempt any four questions from Section B.****Section-A**

- Q1.** Answer any five of the following: **(5x5=25)**
- What is an information system? Why do MIS fail? Explain using an example.
 - What major factors affect employee productivity? Support your answer with examples.
 - What are decision assisting information systems? How do they differ from Management information systems?
 - What factors determines the behaviour of an organization? Discuss.
 - Explain the utility of training of personnel for an information system.
 - Discuss the contents of the Conceptual design report.
 - What are the various system testing methods generally used for an information system? Explain.

Section-B

- Q2.** (a) Why is MIS required by a business organization? Can't we do without it? Discuss. **(6.5)**
- (b) "MIS supports manager in his functional responsibilities". Explain with examples. **(6)**
- Q3.** (a) Discuss the needs theory proposed by Herzberg for motivation of employees. **(6.5)**
- (b) Contrast the behavioural, decision and systems theories of organization. **(6)**
- Q4.** (a) What is decision making? Discuss the decision making process giving suitable examples. **(6.5)**
- (b) Distinguish between:
 - Programmable and Non-Programmable decisions
 - Short range and long range plans**(3+3)**
- Q5.** (a) "Information Systems support a company's business operations, decision making by their managers and give them a competitive advantage". Do you agree with the statement? Illustrate your answer using examples. **(6.5)**
- (b) Distinguish between:
 - Formal and Informal organizational system
 - Competitive and Environmental information**(3+3)**
- Q6.** What are the different types of information systems that generally exist in an organization? Are these systems related? If yes, show how? **(12.5)**
- Q7.** (a) What are the objectives of conceptual design? List and explain the key tasks performed during conceptual design stage. **(9)**
- (b) Do you think a conceptual design is a pre-requisite to detailed design? If yes, why? **(3.5)**
- Q8.** (a) What are the objectives of the implementation phase of system development? Compare the merits and de-merits of various implementation strategies for an already existing system. **(10)**
- (b) Explain the need for documentation of the system. **(2.5)**
- Q9.** (a) What do you mean by Performance evaluation of MIS? Why is evaluation of MIS important? What are the various approaches to MIS evaluation? Discuss briefly. **(9)**
- (b) What is systems maintenance? Why do we need it? **(3.5)**