

**PARUL UNIVERSITY**  
**FACULTY OF IT & COMPUTER SCIENCE**  
**MCA Winter 2017 – 18 Examination**

**Semester: 4**  
**Subject Code:05201252**  
**Subject Name: Management Information Systems**

**Date: 09/01/2018**  
**Time: 02:00pm to 04:30pm**  
**Total Marks: 60**

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**Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

**Q.1 Answer the followings.****A. Write short notes. (Each of 01 marks)****(05)**

1. What is ERP?
2. What is System?
3. Write definition of knowledge.
4. Define MIS.
5. What is Early warning mechanism?

**B. Multiple choice type questions. (Each of 01 marks)****(10)**

1. Which of the following is NOT an objective of MIS?  
A) Facilitate the decisions-making process    B) Provide requisite information at each level of management  
C) Support decision-making    D) recruit people for system
2. An ..... is a set of processes and procedures that transform data into information and knowledge.  
A) information system    B) Knowledge system  
C) Database system    D) Computer system
3. A system is called ..... when the inputs, process and the outputs are known with certainty.  
A) Probabilistics    B) Deterministic  
C) Open    D) Close
4. The back bone of any organization is  
A) information    B) employee  
C) management    D) capital
5. Audit gives details about \_\_\_\_\_ to Account Payable System  
A) Account balance    B) Transaction  
C) Expenditure    D) All of the above
6. Decision trees could be represented in different ways such as  
A) Bottom to top    B) Left to right  
C) Top to bottom    D) All of the above
7. The basic component(s) of DSS is (are)  
A) Database    B) Model base  
C) DSS software system    D) All of the above
8. Which one of the following is not an approach for development of MIS ?  
A) Hierarchical approach    B) Integrative approach  
C) Modular approach    D) Elective approach
9. System is an important factor of MIS. There are various types of systems. Which one of the following is not a system ?  
A) Physical system    B) Integrated system  
C) Open system    D) Probabilistic system
10. The advantage(s) of transistors are they  
A) Are portable    B) Are more reliable  
C) Consume less power    D) All of the above

- Q.2 Answer the followings. (2 or 3 Mark Questions.)** (15)
1. How MIS support management in process of decision making. (02)
  2. Explain Market strategy. (02)
  3. Explain terms Goal and objective. (02)
  4. Explain different users MIS? (03)
  5. Explain model of communication. (03)
  6. Write a short note on decision support system. (03)
- Q.3 Answer the following. (Any three) (Each of 05 marks)** (15)
1. Explain different methods of data & information collection.
  2. Explain the concept organizational change.
  3. Explain MIS for digital firm.
  4. Explain types of knowledge.
- Q.4 Answer the following.**
- A. Explain role of MIS. (05)
- B. Explain Leavitt's model of organization structure. (10)
- OR**
- B. What is strategic planning explain five dimension of strategic planning? (10)