Reg.No. \_\_\_\_\_\_\_\_\_\_\_\_

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**End Semester Examination – Nov/Dec – 2018**

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| **Code : 14CS2019** |  | **Duration :** | **3hrs** |
| **Sub. Name : MANAGEMENT INFORMATION SYSTEMS** |  | **Max. marks :** | **100** |

**ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)**

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| **Q. No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. | a. | List down the vital functions of management. | CO1 | 5 |
| b. | Recite the various managerial roles played for successful management by Mintzberg. | CO1 | 7 |
| c. | Mention the various levels of management and the role of information systems. | CO1 | 8 |
| (OR) | | | | |
| 2. | a. | What is the learning organization ? What are the five disciplines of the learning organization? | CO1 | 10 |
| b. | Describe the various steps involved in system approach to solve the problem. | CO1 | 10 |
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| 3. | a. | Apply the Millar and Porter concept of value chain to determine the primary and supporting activities of reliance hypermarket. | CO2 | 10 |
| b. | Give any two example case studies of business company that have improved its performance by reengineering. | CO2 | 10 |
| (OR) | | | | |
| 4. | a. | Explain the memory hierarchy of a computer system with a neat diagram. | CO2 | 10 |
| b. | Discuss about various network topologies in detail with suitable diagram. | CO2 | 10 |
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| 5. | a. | Compare and contrast distributed database with portioned database with neat sketch. | CO2 | 10 |
| b. | Differentiate file system from database system.Justify how database system is advantageous over file system. | CO2 | 10 |
| (OR) | | | | |
| 6. |  | Compare and contrast expert system working principle with decision support system. | CO2 | 20 |
|  |  |  |  |  |
| 7. |  | Design the information flow for the following scenario using BSF,CSF and End /Mean analysis method.   1. Users must be given feedback within one second after they issue any command. 2. The TicketDistributor must be able to issue train tickets, even in the event of a network failure. 3. The housing of the TicketDistributor must allow for new buttons to be installed in case the number of fares increases. | CO1 | 20 |
| (OR) | | | | |
| 8. | a. | Consider a legacy, fax-based, problem-reporting system for an aircraft manufacturer. You are part of a reengineering project replacing the core of the system with a computer-based system that includes a database and a notification system. The client requires the fax to remain an entry point for problem reports. You propose an E-mail entry point. Describe system design documentation for above mentioned problem? Discuss the various types of documentation . | CO1 | 10 |
| b. | Draw a data flow diagram for a online shopping and explain in detail. | CO1 | 10 |
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|  | | **Compulsory**: |  |  |
| 9. | a. | Discuss about the various threats to information system. | CO3 | 10 |
| b. | Mention the four areas where the information system faces the Ethical issues. | CO3 | 10 |