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



**End Semester Examination – Nov/Dec – 2017**

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

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Q.**  **No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. | a. | Explain the process steps involved in redesigning business process? | CO1 | 10 |
| b. | Diagnose the given problem from the system standpoint and suggest a possible solution.  Consider the scenario new job skills: Many of the newly hired programmer analysts at Epcon Industries have good technical skills, but they are falling apart on the job because of poor communication skills-particularly writing ability. This situation is causing the personnel department to think seriously about requiring a prescreening test in basic writing skills, including grammar, punctuation, and spelling. The personal department has also contacted several local universities to express its concern about the problem of communication skills. | CO1 | 10 |
| (OR) | | | | |
| 2. | a. | List the types of secondary storage media devices and also draw the hierarchy of the storage system. | CO2 | 10 |
| b | Write short notes on the following.  i. Multi programming ii. Time sharing iii. Multi processing iv. Parallel processing | CO2 | 10 |
|  |  |  |  |  |
| 3. | a. | Consider a text file which has the details of student information system such as studentid , Name, Dept, cgpa and course. State the difficulties in accessing, retrieving and maintaining the data in files with respect to database systems and also discuss about the security issues. | CO2 | 10 |
| b. | Discuss about the architectural components that are needed for processing a query and retrieving data from the storage in database systems. | CO2 | 10 |
| (OR) | | | | |
| 4. | a. | Compare and contrast the various communication protocols. | CO2 | 10 |
| b. | State the various network topologies with neat sketch. | CO2 | 10 |
|  |  |  |  |  |
| 5. |  | Compare and contrast the working principle of expert system with decision support system. | CO2 | 20 |
| (OR) | | | | |
| 6. | a. | Examine BSP,CSF and E/M that are deployed in information planning with suitable example. | CO2 | 10 |
| b | Discuss about various software tools used for building the information system. | CO2 | 10 |
|  |  |  |  |  |
| **7.** | a. | Mention the roles and responsibilities of information systems professional. | CO2 | 10 |
| b | Discuss about distributed data processing system in detail. | CO2 | 10 |
| (OR) | | | | |
| 8 | a | Discuss about the various threats to information system. | CO3 | 10 |
| b | Mention any four areas where the information system faces the ethical issues and explain with suitable example. | CO3 | 10 |
|  | |  |  |  |
|  | | **Compulsory**: |  |  |
| 9. | a. | What are the five disciplines of learning organization? Why is the fifth discipline so important? | CO1 | 10 |
| b. | Why is closed system likely to deteriorate? List the advantages of feedback system. | CO1 | 10 |

ALL THE BEST