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



**End Semester Examination – Nov / Dec – 2019**

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|  |  |  |  |
| **Code :** | **14CS3053** | **Duration :** | **3hrs** |
| **Sub. Name :** | **DATA WAREHOUSE** | **Max. Marks :** | **100** |

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

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| --- | --- | --- | --- | --- |
| **Q. No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. |  | Explain the challenges with naturally evolving architecture in Decision Support Systems (DSS) environment with neat sketch. | CO2 | 20 |
| **(OR)** | | | | |
| 2. | a. | Elaborate structuring of data in the data warehouse with necessary diagrams. | CO1 | 10 |
| b. | Explain various levels of data model in data warehouse with relevant examples. | CO1 | 10 |
|  |  |  |  |  |
| 3. |  | Compare and contrast the types of data warehouses in distributed environment. Also illustrate ways to intersect and access the global and local data. | CO1 | 20 |
| **(OR)** | | | | |
| 4. |  | Illustrate the different technological requirements required to design a data warehouse for a multinational business environment aiming towards upgrading their technology to host big data. | CO3 | 20 |
|  |  |  |  |  |
| 5. |  | Explain the Executive Information Systems (EIS)computing and its uses with neat diagrams and also compare how it differs from Data warehouse. | CO2 | 20 |
| **(OR)** | | | | |
| 6. |  | Beginning with corporate model how will you migrate to architected environment? Discuss various migration plans and methodologies involved in it. | CO2 | 20 |
|  |  |  |  |  |
| 7. |  | Enumerate ways to integrate the unstructured document and structured document with an example. | CO1 | 20 |
| **(OR)** | | | | |
| 8. |  | Elaborate the impact of disk storage in the face of data separation. | CO2 | 20 |
|  | | **Compulsory**: |  |  |
| 9. | a. | Discuss the life cycle of data maps on to the datawarehouse and other architectural components. | CO1 | 10 |
| b. | Compare and contrast the relational model with multidimensional model. | CO1 | 10 |