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



**UNIVERSITY**

(Karunya Institute of Technology & Sciences)

(Declared as Deemed-to-be University under Sec.3 of the UGC Act, 1956)

**End Semester Examination – April/May– 2017**

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| **Code :** | **14CS2004** | **Duration :** | **3hrs** |
| **Sub. Name :** | **DATABASE ADMINISTRATION** | **Max. marks :** | **100** |

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

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| Q. No. | Sub Div. | Questions | Course  Outcome | Marks |
| 1. |  | Describe various table spaces which are created automatically during the installation process and mention their distinctive purposes. | CO1 | 20 |
| (OR) | | | | |
| 2. |  | Eloborate on various background process which are associated with Oracle database. | CO1 | 20 |
| 3. |  | Elucidate internal physical organization of Oracle database memory and its components with neat sketch. | CO1 | 20 |
| (OR) | | | | |
| 4. | a. | Describe various space management problems and the methods to handle them. | CO2 | 14 |
|  | b. | How DBA can identify free space available in each of the tablespaces with the help of SQL command? | CO2 | 3 |
|  | c. | Consider the SQL query *“select \* from customers order by country desc;”* Identify the tablespaces responsible for performing “desc clause”. why? | CO2 | 3 |
| 5. |  | Analyze the usefulness of various data dictionary views and dynamic performance views in managing the database. | CO2 | 20 |
| (OR) | | | | |
| 6. |  | Summerize the methods in Flash back to maintain consistency of oracle database. | CO2 | 20 |
| 7. | a. | Analyze various database authentication methods with suitableSQL command. | CO2 | 10 |
|  | b. | Point out various Non-Database Security with suitable examples. | CO2 | 10 |
| (OR) | | | | |
| 8. | a. | Relate RMAN with traditional backup methods. Highlight its unique advantages. | CO3 | 10 |
|  | b. | Discuss all possible backup operations supported by RMAN. | CO3 | 10 |
|  | | **Compulsory:** |  |  |
| 9. |  | Describe various methods available to take backup by ensuring consistency of the database. | CO3 | 20 |

ALL THE BEST