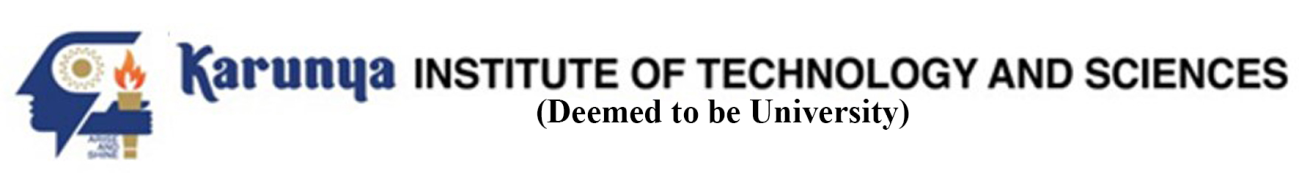
Reg.No. \_\_\_\_\_\_\_\_\_\_\_\_



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

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
| **Code :** | **17CS3035** | **Duration :** | **3hrs** |
| **Sub. Name :** | **CLOUD COMPUTING** | **Max. marks :** | **100** |

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Q. No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. | a. | Illustrate the virtualization techniques. | CO1 | 10 |
| b. | State the difference between cloud and grid computing. | CO2 | 10 |
| (OR) | | | | |
| 2. | a. | Show the different cloud service models. | CO2 | 10 |
| b. | Explain why XaaS became an excellent choice for offering software service. | CO2 | 10 |
|  |  |  |  |  |
| 3. | a. | Explain why network virtualization became very popular? Its challenges, design goals, and provisioning. | CO1 | 10 |
| b. | Analyze the use cases of CloudFront. | CO4 | 10 |
| (OR) | | | | |
| 4. | a. | Summarise the Amazon Simple DB's data model and dataset partitioning. | CO4 | 10 |
| b. | Cloud Queues enable better data transfer between cloud services. Analyze the benefits and types of Amazon SQS. | CO4 | 10 |
|  |  |  |  |  |
| 5. | a. | Classify the security issues and challenges. | CO3 | 10 |
| b. | Analyse the importance of security images in cloud. | CO3 | 10 |
| (OR) | | | | |
| 6. | a. | Write about the Software as a Security model. | CO3 | 10 |
| b. | State the importance of vulnerability assessment. | CO3 | 10 |
|  |  |  |  |  |
| 7. | a. | Examine the need for messaging standards. | CO6 | 10 |
| b. | Illustrate the standards for security. | CO3 | 10 |
| (OR) | | | | |
| 8. | a. | Analyze the role of virtualization and its significance to the cloud. | CO1 | 10 |
| b. | Identify the role of distributed management task force in cloud standards. | CO5 | 10 |
|  | |  |  |  |
|  | | **Compulsory**: |  |  |
| 9. | a. | Show how map reduce works for a simple word count program. | CO6 | 10 |
| b. | Compare GFS and HDFS. | CO2 | 10 |