

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Semester: January 2024 – April 2024**  **Maximum Marks: 30M Examination: RE-ISE Duration :1Hr.15 Min** | | | | |
| **Programme code:**  **Programme:** | | **Class:** TY | | **Semester:** VI  **(SVU 2020/SVU 2023)** |
| **Name of the Constituent College:**  **K. J. Somaiya College of Engineering** | | | **Name of the department:**  COMP | |
| **Course Code: 116U01E629** | **Name of the Course: Cloud Computing** | | | |

|  |  |  |
| --- | --- | --- |
| **Question No.** |  | **Max.**  **Marks** |
| Q1 | **Attempt Any Two**  i) Explain the functions and types of Hypervisors.  ii) Describe various deployment models in cloud.  iii) Describe NIST (National Institute of Standards and Technology) cloud definition. | **5** |
| Q2 | What is virtualization? State its importance in Cloud Computing. Explain Full and Para Virtualization.  OR  Comment on following Cloud computing platforms and Technologies  i) Map Reducer and Hadoop  ii) Salesforce.com  iii) Manjrasoft Aneka | **10** |
| Q3 | Describe Amazon Web Services with its architecture and Amazon Web Service ecosystem. | 10 |