**Assignment – 1**

**Cloud Computing(20CST-411)**

**2020-24 (7th semester)**

1. **Instructions**

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| **Instructions** | |
| 1 | Each question is of 10 marks. |
| 2 | Attempt question with S.No that matches the last digit of students UID  For ex:- 20bcs802**1** will attempt question number 1,  20bcs301**0** will attempt question number 10**.** |
| 3 | Submit on or before 25th Aug. |
| 4 | Write answers as per the rubrics mentioned below. |
| 5 | Keep the points as elaborate as possible. |
| 6 | Assignment should be handwritten only. |
| 7 | Mention UID, Name, Question and section at the top of the page. |
| 8 | Negative 2 marks for plagiarism. |

1. **Questions**

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| **S.No** | **Questions** |
| 1 | Explain the Infrastructure as a service in cloud computing? |
| 2 | Explain the evolution of cloud computing and its challenges? |
| 3 | Why Virtualization is a key architectural feature of Cloud computing? |
| 4 | What are the various types of services provided by the cloud computing? |
| 5 | Discuss the difference between SaaS and IaaS. |
| 6 | Discuss the difference between PaaS and SaaS. |
| 7 | Discuss the difference between Grid and Utility Computing. |
| 8 | What are the main components of the Cloud Architecture? |
| 9 | What are the risks associated with Cloud Computing? |
| 10 | Explain Virtualization and its types. |