

## Department of Artificial Intelligence & Data Science

### III Year VI Semester

### 6AID4-04: Cloud Computing

**Note:** Each assignment of Maximum Marks 10. All question carries equal marks.

#### ASSIGNMENT-I

Q 1. What is Cloud Computing?	BLT-1	CO-1
Q 2. Define Cloud Enabling Technology in detail?	BLT-1	CO-1
Q 3. Explain Components of Cloud Computing?	BLT-2	CO-1
Q 4. Explain Risks and Approaches of Migration into Cloud?	BLT-2	CO-1
Q 5. Evaluating the Cloud's Business Impact and economics?	BLT-4	CO-1

#### ASSIGNMENT-II

Q 1. Define Cloud Reference Model?	BLT-1	CO-2
Q 2. Explain Architectural design of Compute and Storage Clouds?	BLT-2	CO-2
Q 3. Define Cloud Programming and Software: Features of cloud programming .	BLT-1	CO-2
Q 4. Explain Programming of Google App engine?	BLT-2	CO-2
Q 5. Parallel and distributed programming paradigms-MapReduce?	BLT-4	CO-2

#### ASSIGNMENT-III

Q 1. Define Understanding and Benefits of Virtualization?	BLT-1	CO-3
Q 2. Explain Implementation Level of Virtualization?	BLT-2	CO-3
Q 3. Define Virtualization Structure/Tools and Mechanisms?	BLT-1	CO-3
Q 4. Explain Virtualization: of CPU, Memory, I/O Devices, Network?	BLT-2	CO-3
Q 5. Virtualization of Server, Desktop and Virtualization of data-center?	BLT-4	CO-3

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#### ASSIGNMENT-IV

Q 1. Explain Policy Implementation, Cloud Computing Security Challenges?	BLT-2	CO-4
Q 2. Define Cloud Computing Security Architecture?	BLT-1	CO-4
Q 3. Data Security in Cloud: Business Continuity and Disaster Recovery?	BLT-4	CO-4
Q 4. Define Understanding and Identification of Threats in Cloud?	BLT-1	CO-4
Q 5. Define SLA-Service Level Agreements, Trust Management?	BLT-1	CO-4

#### ASSIGNMENT-V

Q 1. Explain Amazon web services, Google App Engine, Microsoft Azure Design?	BLT-2	CO-5
Q 2. Define Satellite Image Processing?	BLT-1	CO-5
Q 3. Define Social Networking, Cloud Application- Scientific Application?	BLT-1	CO-5
Q4. Explain Aneka: Cloud Application Platform?	BLT-2	CO-5
Q 5. Define Integration of Private and Public Clouds?	BLT-1	CO-5

\*BLT: BLT shows the **Bloom's taxonomy** levels.