

Ref. No. CUIET/CS/ACAD/2025/422

Date: 15.09.2025

NOTICE
Attention:- B.E. CSE Batch 2023

Test Type: ST-1

Test No: 1

Total Marks: 30

Duration: 60 Mins

Name of Course Coordinator: Dr. Priyanka Gupta

Course Code: 23CS009

Course Title: Cloud Computing

Day: Monday

Date: 22/09/2025

Time: 9:00 AM-4:00 PM

Mode: Online (On Campus)

Semester: B.E. (CSE) & 6th Sem

Platform: Test pad

Syllabus for Test:

Cloud Computing Basics – History of Cloud Computing, Characteristics of Cloud Computing, Need for Cloud computing, Advantages and Possible Disadvantages of cloud computing, Cloud Computing Architecture, Real-World Applications of Cloud Computing.

Introduction to Cloud Deployment Models, Types of Cloud Deployment Models: Public, Private, Hybrid and Community, Comparison: Public vs. Private vs. Hybrid Cloud. Cloud Service Models- Introduction to Cloud Service Models, Infrastructure as a Service (IaaS) Layer, Platform as a Service (PaaS) Layer, Software as a Service (SaaS), Difference Between IaaS, PaaS, and SaaS, Cloud data lifecycle phases.

Cloud service providers- Overview and history of Amazon Web Services, Introduction to EC2, Instance Types and Uses, Auto scaling Instances, Introduction to Amazon Machine Images (AMI's), key components and types of AMI's, Elastic IPs, Elastic Load Balancing.

Cloud storage- Introduction to Amazon S3 Storage, Buckets and Objects in S3, S3 Storage Classes.

Format of Assessment: .1 Mark MCQ: 30, 2 Mark MCQ: 15

Signature of Course Coordinator: