



Progressive Education Society's
Modern College of Arts, Science & Commerce Ganeshkhind, Pune – 16 (Autonomous)
End Semester Examination: April 2025
Faculty: Science and Technology

Program: BCA

Semester: VI

SET: A

Program (Specific): BCA (Science)

Course Type: SEC

Class: TYBCA (Science)

Max. Marks: 35

Name of the Course: Cloud Computing

Course Code: 24-BCA-365

Time: 2 Hrs

Paper: V

Instructions to the candidate:

- 1) *All Questions are compulsory.*
- 2) *Figures to the right indicate full marks.*
- 3) *Draw a well labelled diagram wherever necessary.*

Q1) Attempt the following (Choose the correct option)

[5*1=5]

1. The terms "IaaS" stand for?
(a) IT-as-a-Service (b) Infrastructure-as-a-Service
(c) Internet-as-a-Service (d) Interoperability-as-a-Service
2. Which one of the following is Cloud Platform by Amazon?
(a) Azure (b) AWS
(c) Cloudera (d) All of the mentioned
3. Microsoft Azure was released by _____ vendor.
(a) Microsoft (b) IBM
(c) Amazon (d) Dell
4. Amazon EC2 is _____.
(a) IaaS (b) SaaS
(c) PaaS (d) NaaS
5. _____ has highest level of integrated security.
(a) SaaS (b) PaaS
(c) IaaS (d) CSP

Q2) Answer the following (any 4)

[4*1=4]

1. Define Cloud Computing?
2. Define Docker
3. Explain Microsoft Azure?
4. Describe the importance of SaaS security?
5. Define Kubernetes?
6. Define Hypervisor

Q3) Answer the following (any 4)

[4*2=8]

1. Describe blockchain Technology.
2. Explain storage in cloud S3?
3. Explain Cloud Security
4. Difference between SaaS and PaaS
5. Describe Cloud Computing Environment

Q4) Answer the following (any 4)

[4*2=8]

1. Explain Security Governance
2. What are the Benefits of Intelligent SaaS?
3. Explain Omni-cloud
4. Explain Virtualization
5. Differentiate between multi cloud and Omni cloud
6. Explain Grid Computing

Q5) Answer the following (any 2)

[2*5=10]

1. Explain the cloud architecture with neat diagram.
2. Differentiate between Private Cloud and Hybrid Cloud
3. Explain Google App. Engine with neat diagram
4. What is Virtual Machine Technology and benefits of Virtualization?
