

Enrollment No: _____

Exam Seat No: _____

C.U.SHAH UNIVERSITY

Summer Examination-2022

Subject Name: Cloud Computing

Subject Code: 4CS06BCC1/4CS06ICC1

Branch: B.C.A./ B.Sc.I.T.

Semester: 6

Date: 06/05/2022

Time: 02:30 To 05:30

Marks: 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
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Q-1 **Attempt the following questions:** **(14)**

- a) Which of the following refer to network or internet?
A) E-Commerce B) Cloud computing
C) CRM D) Cloud
- b) Which technique is used to create cloud computing?
A) Abstraction B) Virtualization
C) Transformation D) Polymorphism
- c) Which of the following is cloud computing platform by Amazon?
A) Azure B) Cloudera
C) AWS D) All of these
- d) Which is a complete operating environment with a user interface and applications?
A) IaaS B) PaaS
C) SaaS D) All of these
- e) Which cloud systems and services to be accessible by a group of organizations?
A) Public B) Private
C) Hybrid D) Community
- f) Which of the following is not a cloud computing services?
A) AaaS B) PaaS
C) SaaS D) IaaS
- g) What is the full form of HaaS?
A) Hash as a Service B) Hardware as a Service
C) Hardware as a Symbol D) Hash as a Security
- h) Which of the following is an example of PaaS?
A) Google App Engine B) Azure
C) Joyent D) All of these
- i) "On-Demand Software" is also called as?
A) IaaS B) PaaS
C) SaaS D) CaaS
- j) A hypervisor is also known as?



- A) VM
C) CRM
- B) VMM
D) OS
- k) _____ is the prevention of the intentional or unintentional unauthorized disclosure of content in cloud security?
A) Integrity
B) Confidentiality
C) Availability
D) Communication
- l) Which of the following is the user's part of the cloud computing architecture?
A) Back end
B) Front end
C) Database
D) Infrastructure
- m) The _____ allows systems and services to be accessible within an organization?
A) Public
B) Private
C) Community
D) Hybrid
- n) Which is the key mechanism for protecting data?
A) Authentication
B) Authorization
C) Auditing
D) All of these

Attempt any four questions from Q-2 to Q-8

Q-2 Attempt all questions

- a) What is Cloud Computing? Discuss its root (5)
- b) Describe IaaS with pros and cons (5)
- c) Differentiate SaaS and PaaS (4)

Q-3 Attempt all questions

- a) Explain Cloud computing stack (5)
- b) Describe Platform as a service (5)
- c) Differentiate public and private cloud (4)

Q-4 Attempt all questions

- a) What is virtualization? Explain in detail (5)
- b) What is hyper visor? Explain in detail (5)
- c) Write a note on: Cloud computing Layers (4)

Q-5 Attempt all questions

- a) Write a note on: Cloud Ecosystem (5)
- b) Explain Identity as a service (5)
- c) Illustrate various challenges of cloud computing (4)



- Q-6 Attempt all questions**
- a) What is load balancing? Discuss in detail **07**
 - b) Describe Virtual Machine Migration Services **07**
- Q-7 Attempt all questions**
- a) Explain Inter Cloud Resource Management **07**
 - b) Discuss Cloud Security Challenges and Risks **07**
- Q-8 Attempt all questions**
- a) Discuss Software-as-a-Service Security **07**
 - b) Illustrate Identity Management and Access Control **07**

