

# 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**

