

Enrollment No: \_\_\_\_\_

Exam Seat No: \_\_\_\_\_

# C.U.SHAH UNIVERSITY

## Summer Examination-2016

Subject Name : Cloud Computing

Subject Code : 4CS06ICC1

Branch: B.Sc.IT

Semester : 6

Date : 11/05/2016

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.
- 

**(Q – 1) Attempt the following questions:**

**(14)**

- (1) Define term: Cloud computing.
- (2) List types of cloud services.
- (3) List types of cloud deployment models.
- (4) What is grid computing?
- (5) Give full form of AWS.
- (6) What is hypervisor?
- (7) What is full form of CSP?
- (8) What is service level agreement?
- (9) Which are servers provided by AWS for cloud services?
- (10) Give full form of DMTF.
- (11) What is secure execution environments and communications?
- (12) Google Doc is an example of \_\_\_\_\_ as a service.
- (13) What is full form of NIST?
- (14) Define term: virtualization.

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

**(Q – 2) Attempt all questions:**

- (1) Explain desired features of a cloud. (5)
- (2) Explain advantages and disadvantages of cloud computing. (5)
- (3) What is autonomic security? Discuss. (4)



**(Q – 3) Attempt all questions:**

- (1) Explain connecting to the cloud. (5)
- (2) Describe about exploring the cloud computing stack. (5)
- (3) Differentiate between private cloud and public cloud. (4)

**(Q – 4) Attempt all questions:**

- (1) Explain load balancing and virtualization. (5)
- (2) List and Explain cloud computing service models. (5)
- (3) Describe cloud computing on demand. (4)

**(Q – 5) Attempt all questions:**

- (1) Explain administrating the cloud. (5)
- (2) Explain software as a service. (5)
- (3) Describe cloud security risks. (4)

**(Q – 6) Attempt all questions:**

- (1) Explain layered cloud architectural development (7)
- (2) Describe about architectural design of cloud storage. (7)

**(Q – 7) Attempt all questions:**

- (1) Describe on cloud architectural design challenges. (7)
- (2) Explain the resource provisioning and platform deployment (7)

**(Q – 8) Attempt all questions:**

- (1) What is cloud resource management? Explain (5)
- (2) Discuss cloud infrastructure management. (5)
- (3) Explain infrastructure as a service provider. (4)

