

C.U.SHAH UNIVERSITY

Summer Examination - 2019

Subject Name: Introduction to Cloud Computing

Subject Code: 5CS03WIC1

Branch: M.Sc.IT (WebTech)

Semester: 3

Date: 15/03/2019

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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SECTION-1

Que-1 Attempt all the following short questions. [7]

1. Define AWS.
2. What is data center?
3. List types of hypervisor.
4. What do you mean load balancing?
5. Give the full form of IaaS.
6. What is virtualization?
7. Define grid computing.

Que-2 Attempt all questions. [14]

1. Write a note on types of cloud computing. [7]
2. Discuss cloud security challenges and risks. [7]

OR

Que-2 Attempt all questions. [14]

1. Explain Platform as a Service in detail. [5]
2. Discuss: Amazon as a cloud service provider. [5]
3. Differentiate: SaaS Vs. PaaS. [4]

Que-3 Attempt all questions. [14]

1. Explain advantages of cloud computing. [5]
2. Discuss Salesforce.com CRM. [5]
3. What is Software as a Service? Explain in detail. [4]

OR

Que-3 Attempt all questions. [14]

1. Explain architectural design of cloud computing. [7]
2. Explain pros of Storage as a Service and also discuss its cautions, outages and thefts. [7]



SECTION-2

Que-4 Attempt all the following short questions. [7]

1. Give the full form of SLA.
2. Define cloud computing.
3. What is hypervisors?
4. Give the full form of SOA.
5. Define virtual infrastructure manager.
6. What is token?
7. What is the use LiveMesh?

Que-5 Attempt all questions. [14]

1. Write a note on Google Bigtable Datastore. [5]
2. What kind of security is needed in Storage as a Service? Explain in detail. [5]
3. Discuss Nirvanix in short. [4]

OR

Que-5 Attempt all questions. [14]

1. Discuss Amazon SimpleDB and CloudFront. [5]
2. Explain Google app engine and Google web toolkit. [5]
3. Explain characteristics of trusted computing. [4]

Que-6 Attempt all questions. [14]

1. Explain cloud security awareness, training and education in detail. [7]
2. Write a note on disaster recovery in cloud computing. [7]

OR

Que-6 Attempt all questions. [14]

1. Write a note on identity management. [7]
2. Explain autonomic systems and its protection. [7]

