C.U.SHAH UNIVERSITY
Winter Examination - 2018

Subject Name: Introduction to Cloud Computing

Subject Code: 5CS03WIC1   **Branch: M.Sc.IT (WebTech)**

Semester: 3   **Date: 01/12/2018**   **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.

SECTION-I

Que-1 Attempt all the following short questions.   **[7]**
   1. Define on-demand functionality.
   2. What is hypervisor?
   3. What do you mean load balancing?
   4. Give the full form of CIA.
   5. Define grid computing.
   6. Give the full form of VIM.
   7. List out types of hypervisor.

Que-2 Attempt all questions.   **[14]**
   1. Write a note on layers of cloud computing.   [7]
   2. Explain challenges and risks of cloud computing.   [7]

OR

Que-2 Attempt all questions.   **[14]**
   1. Write a note on virtualization.   [5]
   2. Explain types of cloud computing.   [5]
   3. Differentiate: SaaS Vs. PaaS.   [4]

Que-3 Attempt all questions.   **[14]**
   1. Discuss Infrastructure as a Service in detail.   [5]
   2. Explain pros and cons of cloud computing.   [5]
   3. What is Storage as a Service? Explain in detail.   [4]
OR

Que-3 Attempt all questions.   **[14]**
   1. Explain Amazon Simple Storage Service (S3) in detail.   [7]
   2. Explain pros of Storage as a Service and also discuss its cautions, outages and thefts. [7]

Que-4 Attempt all the following short questions. [7]
1. Give the full form of AWS.
2. Define cloud computing.
3. What is biometrics?
4. What is utility service?
5. Define SSO.
6. What is token?
7. What is the use of Amazon CloudFront?

Que-5 Attempt all questions. [14]
1. Write a note on disaster recovery in clouds. [5]
2. Explain autonomic security. [5]
3. Discuss MobileMe in short. [4]

OR

Que-5 Attempt all questions. [14]
1. Explain various access controls of cloud security. [5]
2. Explain Google app engine and Google web toolkit. [5]
3. Discuss characteristics of trusted computing. [4]

Que-6 Attempt all questions. [14]
1. Explain Salesforce.com cloud service providers in detail. [7]
2. Discuss cloud security challenges and risks. [7]

OR

Que-6 Attempt all questions. [14]
1. Write a note on identity management. [7]
2. Explain various Microsoft cloud service providers in detail. [7]