Total No. of Questions :09]   [Total No. of Pages : 02

IV/IV B.Tech. DEGREE EXAMINATIONS, NOVEMBER- 2019
First Semester
COMPUTER SCIENCE ENGINEERING
CLOUD COMPUTING

Time: Three Hours   **Maximum marks:60**

Answer Question No.1 Compulsory   **6X2=12 M**

Answer ONE Question from each Unit   **4X12=48 M**

1. a)   Give brief note on Microsoft Dynamics CRM

    b)   How does Cloud computing provides on-demand functionality

    c)   What are the limitations of public cloud?

    d)   What is meant by horizontal scaling?

    e)   Give some online to-do list application

    f)   What is trusted cloud computing?

UNIT-I

2. a)   List and explain the cloud computing delivery models and services.

    b)   Compare and contrast Grid computing and Cloud computing.

(OR)

3. a)   With respect to cost of computing how managed outsourcing services and cloud services differ? Explain.

    b)   Explain the services provided by the Amazon infrastructure cloud from a user perspective.

UNIT-II

4. a)   What is the difference between process virtual machines, host VMMs and native VMMs?

    b)   Illustrate the Full virtualization and par virtualization.

P.T.O

(OR)

5.   a)   "To connect to the cloud, most likely users will utilize a web browser". Explain the features of Google Chrome, Firefox, Internet Explorer versions which makes them suitable for web search and navigation and as a tool for cloud computing.

     b)   Give a brief on MobileMe Features.

UNIT-III

6.   a)   Explain the virtualization mechanism on Mobile Device Platforms.

     b)   Explain the features and services provided by Intuit QuickBase and Cast Iron Cloud (s).

(OR)

7.   a)   Explain how Software plus Services supplement locally hosted software as a part of cloud offering. What are their advantages and disadvantages.

     b)   Explain features of Microsoft Online as a Software plus Service.

UNIT-IV

8.   a)   Explain the features of VMotion and elaborate on its capabilities.

     b)   Explain how Salesforce.com is addressing customer service needs with its Service Cloud program.

(OR)

9.   Give the Best Practices of Cloud Computing and explain the future of Cloud computing.

Total No. of Questions :09]   [Total No. of Pages : 02

IV/IV B.Tech. (Supple) DEGREE EXAMINATIONS, JUNE- 2019
First Semester
COMPUTER SCIENCE ENGINEERING
CLOUD COMPUTING

Time: Three Hours   **Maximum marks:60**

Answer Question No.1 Compulsory   **6X2=12 M**

Answer ONE Question from each Unit   **4X12=48 M**

1.   a)   Explain in brief, how cloud helps reducing capital expenditure?

     b)   What are the different challenges that are faced in creating architecture for a cloud

     c)   What is pre cloud computing?

     d)   What is reliability of a cloud service?

     e)   List the companies who offer cloud service development?

     f)   What is hypervisor?

UNIT-I

2.   a)   Explain service oriented architecture to data centre.

     b)   Explain how collaborative computing lead to the development of cloud computing

(OR)

3.   Explain the organization of cloud computing. When it can be used? Explain the benefits and limitations and security concerns.

UNIT-II

4.   a)   What are the standard features of VM ware that was developed to work with other vendors. Explain. Explain some of the common pitfalls that come with virtualization.

     b)   Compare the SOAP and REST paradigms in the context of programmatic communication between applications deployed on different cloud providers, or between cloud applications and those deployed in-house.

P.T.O

5. a) Explain the features, benefits and issues related to Cloud NAS, Google Bigtable Data store.

   b) What is server virtualization? Explain parallel processing.

UNIT-III

6. a) Explain the features of Microsoft Office. Live Small Business of Microsoft and Blue Cloud of IBM.

   b) Give a brief on Infrastructure and Middleware on Demand (IMOD) and explain the benefits provided by it.

(OR)

7. a) Discuss the features and applications of Google Web Toolkit.

   b) Explain the Open-source software platforms for private clouds.

UNIT-IV

8. a) Explain the features of CloudStatus as a free monitoring tool offered by Hyperic.

   b) Give a brief some of the (curently) most popular apps on Force.com.

(OR)

9. Explain different cloud services that are available to individuals.