



Reg. No. :

Name :



Eighth Semester B.Tech. Degree Examination, May 2017
(2013 Scheme)
13.804.2 : CLOUD COMPUTING (FR)

Time : 3 Hours

Max. Marks : 100

PART – A

Answer **all** questions.

(5×4 = 20 Marks)

1. Explain the characteristics of cloud computing.
2. Discuss the benefits of virtualization in the context of cloud computing.
3. Describe how institutional projects collaborate on cloud computing.
4. Demonstrate the function of provisioning in cloud storage devices.
5. List out the risks of storing data in the cloud.

PART – B

Answer **one full** question out of the **two** from **each** Module.

Module – 1

6. a) Compare private vs public cloud with real time examples. **10**
- b) Compare and contrast the advantage and disadvantage of cloud computing. **10**

OR

7. With a neat diagram explain the architecture of cloud computing. Explain how users connect to the cloud. **20**

Module – 2

8. a) Explain virtualization technologies with suitable examples. **10**
- b) Identify the importance of hypervisor in cloud computing. **10**

OR



- 9. a) Explain how virtualization of CPU, memory and I/O devices are done with an example. 10
- b) Discuss Virtual Clusters in detail. 10

Module – 3

- 10. a) Describe the high-performance distributed file systems and storage clouds in detail. 10
- b) Explain in detail about quality of service monitoring in a cloud computing environment. 10

OR

- 11. Explain the architectural design of compute and storage clouds with an example. 20

Module – 4

- 12. a) Discuss different security issues in a cloud. 10
- b) What is the need for data security in cloud ? Explain. 10

OR

- 13. Identify the various real time issues faced by the cloud users in cloud computing environment. 20
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