53 (IT 822) CLCP

2018

CLOUD COMPUTING

Paper : IT 822

Full Marks : 100

Time : Three hours

***The figures in the margin indicate
full marks for the questions.***

*Answer **any five** questions.*

1. *(a)* Define Virtualization. Why virtualization
   is important in cloud computing ?

   10

   (b) What are the different techniques used
   for implementation of hardware
   virtualization ? Explain each in details.

   10

2. *(a)* What is load balancing ? Discuss
   different load balancing techniques for
   cloud computing.   10

(b) Explain different types of privacy in cloud computing. 10

3. (a) Explain different phases of life cycle in deployment of the virtualization. 10

(b) What are the different components of Amazon Web Service ? Discuss each in brief. 10

4. Explain different attacks against cloud computing. 20

5. (a) What is Blob ? What are the different types of blobs in Azure storage ? Discuss each in brief. 10

(b) What are the basic components of Service Oriented Architecture ? Explain each in brief. 10

6. (a) Discuss different issues when the application is migrated to the cloud.

10

(b) What is cloud bursting ? How is it useful in application to migration to cloud ? 10

7. Write short notes on : 20

(i) Attacks on hypervisor

(ii) Virtual storage

(iii) DNS

(iv) PaaS.

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