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Code : 15CS63B

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Number

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VI Semester Diploma Examination, April/May-2018

## CLOUD COMPUTING

Time : 3 Hours ]

[ Max. Marks : 100

- Note :** (i) Answer any **six** questions from Part – A.  
(ii) Answer any **seven** questions from Part – B.

### PART – A

**BETA CONSOLE!**

1. List the different benefits offered by the cloud to the users. 5
2. Explain the characteristics of cloud computing. 5
3. Discuss about Hybrid cloud Model. 5
4. Compare public cloud versus private cloud. 5
5. Explain the cloud infrastructure models. 5
6. Explain Storage as a Service (StaaS). 5
7. Explain about cast iron cloud. 5
8. Describe types of virtual machines. 5
9. Explain the various types of clouds. 5

## PART - B

10. Write the advantages and disadvantages of cloud based business model. 10
11. Explain the two main sections of cloud computing architecture. 10
12. Write about the different forms of cloud-based testing and list the advantages of Testing as a Service (TaaS). 10
13. Explain database as a service with a neat diagram and list its advantages. 10
14. List the main functions in Google Map Reduce. Explain with a neat diagram. 10
15. Explain the Hadoop Distributed File System (HDFS) architecture with the help of a diagram. 10
16. List the pros and cons of virtualization. 10
17. Describe the desktop virtualization. Discuss its advantages and disadvantages. 10
18. Explain the Aneka hybrid cloud implementation. 10
19. Illustrate the autonomic cloud bursting behaviour in COMET cloud. 10