

1109**Code : 15CS63B***Register
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VI Semester Diploma Examination, April/May-2019**CLOUD COMPUTING****Time : 3 Hours]****[Max. Marks : 100**

- Instructions :** (i) Answer any **six** questions from Part – A. Each carries **5** marks.
(ii) Answer any **seven** full questions from Part – B. Each carries **10** marks.

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1. State the advantages of cloud computing.



2. List the limitations of cloud computing.

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3. Compare private cloud versus public cloud.

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4. Describe the cloud infrastructure models.

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5. Summarize the advantages of cloud computing architecture.

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6. Describe briefly the integration platform as a service.

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7. Describe cast iron cloud.

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8. Explain the Pros of virtualization.

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9. Demonstrate Aneka cloud platform.

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PART – B

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10. Describe the essentials of cloud computing. 10
11. Explain the key properties of cloud computing according to the Google perspective. 10
12. Summarize the different forms of testing related to cloud. 10
13. Explain platform as a service (Paas) with a neat diagram and list its advantages. 10
14. Explain the Google Map Reduce with a neat diagram. 10
15. With the help of a neat diagram explain the Hadoop Distributed File System (HDFS) architecture. 10
16. Describe the two types of virtualization architectures. 10
17. Explain the following :
(a) System Virtual Machine 5
(b) Process Virtual Machine 5
18. Explain Aneka Resource Provisioning Service. 10
19. Explain the automatic cloud bursting behaviour in COMET cloud. 10

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