

1359**Code : 15CS63B**Register
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VI Semester Diploma Examination, Oct./Nov.-2019**CLOUD COMPUTING****Time : 3 Hours]****[Max. Marks : 100**

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

PART – A**BETA CONSOLE!**

1. List the uses of cloud computing. 1 × 5 = 5
2. Write the disadvantages of cloud computing. 1 × 5 = 5
3. Define cloud scalability and explain the categories of scalability. 1 + 4 = 5
4. Explain public and private cloud models. 2.5 + 2.5 = 5
5. Explain process as a service with block diagram. 3 + 2 = 5
6. Write a short note on software plus services. 5
7. Define virtualization of cloud and discuss what makes virtualization ideal for cloud computing. 2 + 3 = 5
8. List the design and implementation guidelines of Aneka Hybrid cloud. 1 × 5 = 5
9. Explain Aneka resource provisioning service with block diagram. 3 + 2 = 5

PART - B

10. Describe any five characteristics of cloud computing. $2 \times 5 = 10$
11. (a) Describe any five essentials of cloud computing. $1 \times 5 = 5$
(b) Bring out any 5 properties of cloud computing. $1 \times 5 = 5$
12. Describe cloud applications architecture with a block diagram. $6 + 4 = 10$
13. Describe application as a service (SaaS) with block diagram and list its six advantages. $2 + 2 + 6 = 10$
14. What is infrastructure as a service. What are its advantages and disadvantages. $2 + 4 + 4 = 10$
15. Describe Hadoop Map Reduce architecture with block diagram. $8 + 2 = 10$
16. Describe cast iron cloud and Bungle connect. $5 + 5 = 10$
17. Describe two types of virtualization architecture. $5 + 5 = 10$
18. Bring out the pros and cons of virtualization. $5 + 5 = 10$
19. Describe autonomic cloud bursting with block diagram. $6 + 4 = 10$