



KUC3

K25U 0290

Reg. No. :

Name :

**VI Semester B.C.A. Degree (C.B.C.S.S. – O.B.E. – Regular/Supplementary/
Improvement) Examination, April 2025
(2019 to 2022 Admissions)
Discipline Specific Elective
6B20BCA – E04 : CLOUD COMPUTING**

Time : 3 Hours

Max. Marks : 40

**PART – A
(Short Answer)**

Answer all questions.

(6×1=6)

1. What are the main types of cloud computing services ?
2. Mention the benefits of using cloud computing.
3. Write any two advantages of Virtualization.
4. What is virtualization and why is it important in cloud computing ?
5. Explain future cloud computing challenges.
6. Describe some of the services provided by Azure.

**PART – B
(Short Essay)**

Answer any six questions.

(6×2=12)

7. Write any two key benefits of cloud computing.
8. Write about Eras of Computing.
9. Compare parallel and distributed computing.
10. What is the difference between IaaS and PaaS ?
11. Explain the concept of managed execution in virtualization.
12. What are the key components of a Distributed System ?
13. Explain the Cloud Reference Model.
14. Describe the uses of Google AppEngine.

P.T.O.



PART – C
(Essay)

Answer **any four** questions.

(4×3=12)

15. What are the essential technologies used in cloud computing platforms ?
16. Describe the concept of Distributed Computing.
17. Differentiate between para virtualization and full virtualization using Xen and VMware.
18. Explain the concepts of SaaS.
19. Write the differences between storage service and compute services.
20. What are the key compute services provided by AWS ?

PART – D
(Long Essay)

Answer **any two** questions.

(2×5=10)

21. Explain the vision of cloud computing.
 22. Describe Single-Instruction, Single-Data (SISD) systems.
 23. What is the use of Network Virtualization in Cloud Computing ?
 24. Explain the features of Microsoft Azure.
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