



23105101

QP CODE: 23105101

Reg No : .....

Name : .....

**BCA DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS,  
MARCH 2023**

**Sixth Semester**

Bachelor of Computer Applications

**CORE COURSE - CA6CRT04 - CLOUD COMPUTING**

2017 Admission Onwards

BB829619

Time: 3 Hours

Max. Marks : 80

**Part A**

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. What are the advantages of cloud computing?
2. Explain the data-flow architectural style in distributed computing.
3. What is Remote Procedure Call?
4. What is paravirtualization?
5. What is server virtualization?
6. What is PaaS-I? Give two examples.
7. Write a note on social networking applications provided by SaaS.
8. What are the functions of Aneka SDK?
9. What is Apache Cassandra?
10. What is MapReduce programming?
11. Explain the use of Cron Jobs service in AppEngine.
12. What is blobs?

(10×2=20)

**Part B**

*Answer any **six** questions.*

*Each question carries **5** marks.*





13. Explain virtualization technique?
14. What is virtualization and what are its benefits?
15. Write the disadvantages of virtualization.
16. Differentiate between public cloud and community cloud.
17. Explain the different pricing models for cloud computing.
18. Describe the logical organization of Aneka cloud.
19. What is data-intensive computing? Write its characteristics and open challenges.
20. Briefly explain the compute services provided by AWS.
21. Describe an application of cloud computing technology in the field of biology.

(6×5=30)

### **Part C**

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Explain the architecture of Microsoft Hyper-V. Discuss its use in cloud computing and infrastructure management.
23. What is Cloud Computing? Explain its architecture with a neat diagram.
24. Explain in detail the various services installed in the Aneka container.
25. Write a note on the various applications of cloud computing.

(2×15=30)

