



QP CODE: 20100405

Reg No :

Name :

BCA DEGREE (CBCS) EXAMINATION, MARCH 2020

Sixth Semester

Bachelor of Computer Application

Core course - CA6CRT04 - CLOUD COMPUTING

2017 Admission Onwards

C3EFF75E

Time: 3 Hours

Maximum Marks :80

Part A

*Answer any **ten** questions.*

Each question carries 2 marks.

1. What is utility-oriented computing?
2. What is parallel processing?
3. What is request-reply message model?
4. Explain the use of Xen technology.
5. What do you mean by full virtualization?
6. What is SaaS?
7. Give some examples of SaaS solutions.
8. What features are provided by the Aneka management tools?
9. Mention different applications domains where data-intensive computing is used.
10. What is distributed file systems? Give two examples.
11. What is Amazon Elastic Block Store (EBS)?
12. What is Dropbox?

(10×2=20)

Part B

*Answer any **six** questions.*

Each question carries 5 marks.

13. Differentiate between component and connectors.
14. Explain the role of virtualization in cloud computing.



15. Explain Microsoft Hyper-V architecture.
16. Compare the different classifications of PaaS implementations.
17. Differentiate between private cloud and community cloud.
18. Write a note on the programming models supported by Aneka.
19. Write a note on the hybrid cloud deployment mode of Aneka Cloud.
20. Discuss the application services offered by Google AppEngine.
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. What is virtualization? Explain in detail the pros and cons of virtualization.
23. Explain Infrastructure-as-a-service reference model.
24. Describe the important programming platforms technologies that support data-intensive computing.
25. Discuss the different services offered by Microsoft Azure.

(2×15=30)

