24001330

B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS, MARCH 2024

Sixth Semester

B.Sc Computer Science Model III

CHOICE BASED CORE COURSE - CC6CBT02 - CLOUD COMPUTING TECHNIQUES

2017 Admission Onwards

32E7BB33

Time: 3 Hours
Max. Marks : 80

,

Part A

*Answer any **ten** questions.*

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

1. What is MicroSoft Azure ?

2. Define Parallel Computing ?

3. What do you mean by Distributed Computing?

4. Explain the use of Xen technology.

5. What is infrastructure virtualization?

6. Define Cloud Computing.

7. Expand on XaaS.

8. Which services are hosted in a master node?

9. What is Big Data?

10. What is Data-Intensive computing ?

11. Describe Amazon EC2.

12. What is SQL Azure?

(10×2=20)

Part B

*Answer any **six** questions.*

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

13. Describe the term Web 2.0.

14. Explain live Migration and Server Consolidation.

15. Explain Microsoft Hyper V architecture and its components.

16. Explain the different applications of Community Cloud.

17. Mention some of the challenges in Cloud Computing.Explain.

18. Discuss the major features of the Aneka Service Model.

19. Explain some of the variations or extensions to MapReduce.

20. Discuss the compute services offered by AppEngine.

21. Discuss the CRM and ERP applications of cloud computing.

(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. Define Cloud. Explain the different types of clouds.

24. Explain Aneka MapReduce Programming.

25. Discuss the various applications of cloud computing.

(2×15=30)