Question Paper Code	12289

B.E. / B.Tech. - DEGREE EXAMINATIONS, NOV / DEC 2023
Sixth Semester
Computer Science and Engineering
20CSPC603 - CLOUD COMPUTING
(Regulations 2020)

Duration: 3 Hours   Max. Marks: 100

PART - A (10 × 2 = 20 Marks)
Answer ALL Questions

Marks, K-Level, CO

1. Define Cloud Computing.   *2,K1,CO1*
2. Define Grid computing and its types.   *2,K1,CO1*
3. What is the Cloud Computing Stack?   *2,K1,CO2*
4. Define Infrastructure as Service.   *2,K1,CO2*
5. Define Fog Computing.   *2,K1,CO5*
6. Name the Features of Docker.   *2,K1,CO5*
7. Define VM Migration.   *2,K1,CO6*
8. Define Containers.   *2,K1,CO5*
9. Define Utility Computing.   *2,K1,CO3*
10. What is Serverless Computing?   *2,K1,CO4*

PART - B (5 × 16 = 80 Marks)
Answer Any Five Questions

11. Describe in detail about the evolution of cloud computing.   *16,K2,CO1*
12. Explain the Client Server architecture in detail.   *16,K2,CO1*
13. Discuss in detail about the cloud deployment models in detail with appropriate diagrams.   *16,K2,CO2*
14. Discuss the features of software as a Service and explain in detail about SaaS with examples.   *16,K2,CO2*
15. Explain about the cloud architectural design challenges.   *16,K2,CO3*
16. Explain in detail about the Resource management Approaches.   *16,K2,CO4*
17. Explain in detail about Google Cloud Functions.   *16,K2,CO5*
18. Write short notes on Sustainable Cloud Computing.   *16,K2,CO6*

K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyze; K5 – Evaluate; K6 – Create   ***12289***