

D 130682**(Pages : 2)****Name.....****Reg. No.....****FIFTH SEMESTER B.VOC. DEGREE EXAMINATION, NOVEMBER 2025**

Data Science and Analytic

SDC 5DS 24—CLOUD COMPUTING

(2021 Admissions)

Time : Two Hours and a Half

Maximum : 80 Marks

Section A*Answer **all** questions.**Each question carries 2 marks.*

1. What is cloud computing ?
2. How does virtualization work in cloud computing ?
3. Define full virtualization.
4. What is data center ?
5. Define the term clustering.
6. Explain distributed operating system.
7. Define IaaS.
8. Write an example of public cloud platform.
9. What is extended cloud computing ?
10. Explain parallel computing.
11. Define the term Pig Latin.
12. Write GAE features in cloud.
13. Define Hadoop.
14. Write the advantage of AWS.
15. Explain virtualization tools.

(15 × 2 = 25 marks)

Turn over

Section B

*Answer **all** questions.
Each question carries 5 marks.*

16. Differentiate public, private and hybrid cloud.
17. Write different types of cloud providers.
18. Explain GFS Google file system.
19. Differentiate Virtual machine and virtualization middleware.
20. Explain the architecture of a cloud storage system.
21. Explain I/O virtualization.
22. What is Eucalyptus and write its features ?
23. Explain Amazon web services.

(8 × 5 = 35 marks)

Section C

*Answer any **two** questions.
Each question carries 10 marks.*

24. Explain iterative Map reduce in cloud computing.
25. Explain cloud computing service models.
26. What is Azure development Environment ?
27. Explain Parallel and distributed program models.

(2 × 10 = 20 marks)