

Office of the Controller of Examinations

Sanothimi, Bhaktapur

Regular/Scholarship/Back Exam – 2082 Phagun/Chaitra

Program:Diploma in Information Technology/
Computer Engineering

Full Marks: 80

Year/Part: III/I (2022)

Pass Marks: 32

Subject: Cloud Computing

Time: 3 hrs.

Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.

Attempt any EIGHT questions.

1. Define cloud computing. Describe the characteristics and application (2+4+4) of cloud computing.
2. Define cloud storage. Explain public, private, community and hybrid (2+8) cloud.
3. Define cloud virtualization. Explain full and para virtualization. (2+8)
4. Define PaaS and SaaS. Describe server virtualization and hypervisor (5+5) management software.
5. Explain cloud security challenges and risk. (10)
6. List out the different cloud computing platform. Explain any two of (2+8) them.
7. What is service level agreement in cloud computing? Explain SLA (2+8) lifecycle.
8. What is privacy design? Explain cloud migration and its application (3+7) in cloud computing.
9. Write short notes on: (any TWO) (2×5)
 - a. Cloud application for IOT
 - b. Cloud adoption
 - c. Cloud cost model
 - d. Cloud web services

Good Luck!