

SIT 1304 Cloud Computing

Assignment 2

Max Mark: 15

Fill in the blanks (1 mark each)

- 1) ----- is the protection of data, applications, and infrastructures involved in cloud computing
- 2) ----- is the collective processes, tools and technologies that ensure that only authorized and legitimate users store, access and use storage resources
- 3) Homomorphic encryption is a form of encryption with an additional evaluation capability for computing over encrypted data without access to the secret key (Write 'True' or 'False')
- 4) Expansion of DoS is -----
- 5) Storage security is a broad term that encompasses the implementation and management of security across all layers of a storage environment (Write 'True' or 'False')

Short Answer Questions (1 mark each)

- 6) Discuss about auditing protocols
- 7) Explain about DoS attacks in cloud
- 8) Illustrate about of ' Fault Tolerance ' in cloud computing
- 9) Explain homomorphic encryption in cloud
- 10) List out some problems caused by DoS attacks

Long Answer Question (5 marks)

- 11) Elaborate on Homomorphic Encryption