22595

Instructions – (1) All Questions are *Compulsory.*

(2) Illustrate your answers with neat sketches wherever necessary.

(3) Figures to the right indicate full marks.

(4) Assume suitable data, if necessary.

(5) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

1. **Attempt any FIVE of the following :**   **10**

a) List any four type of cloud security.

b) List any four examples of (software as a - service) SaaS ?

c) State any two aspect of Data security.

d) List any two data protecting methods in cloud security.

e) Define identity access management (IAM) in cloud computing.

f) Define security management in cloud.

g) State any two security issues in cloud computing.

2. **Attempt any FOUR of the following :**   **12**

a) Describe web application security in cloud.

b) Explain virtualization software security.

c) Explain which type of security is provided to SQL data.

d) Explain requirement of secure cloud software.

e) Describe challenges in cloud security.

Marks

3. **Attempt any FOUR of the following :** **12**

   a) Explain limitation in public cloud security.

   b) Explain architecture of Identity an Access Management with diagram.

   c) Explain IAM architecture.

   d) Describe Azure firewall.

   e) Describe any three ways to mitigate the data security in cloud.

4. **Attempt any THREE of the following :** **12**

   a) Explain any two IAM protocols in cloud security.

   b) State any four benefits of data security in cloud computing.

   c) Explain any two security management standards in detail.

   d) Describe backup and disaster recovery used in cloud security.

   e) Explain any four cloud security services.

5. **Attempt any THREE of the following :** **12**

   a) Explain Authorization Management in cloud computing.

   b) Describe any four challenges addressed by Azure security center.

   c) Explain Azure key vault.

   d) Explain security vulnerability in cloud security.

   e) Explain any two pros and con's respectively of federated Identity.

6. **Attempt any TWO of the following :** **12**

   a) Compare PaaS and SaaS based on Six points.

   b) Explain data security of cloud and it's challenges.

   c) List types of cloud. Explain access control with respect to any two cloud.

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