

# 22595

**24225**

**3 Hours / 70 Marks**

Seat No. 

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- 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) Use of Non-programmable Electronic Pocket Calculator is permissible.  
(6) 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) Define –
    - i) Vulnerability
    - ii) Patch
  - b) List any two challenges of Azure security.
  - c) Explain need of IAM.
  - d) List examples of virtualized security.
  - e) List any two protocols for cloud services.
  - f) List any two cloud security services.
  - g) List any two methods to provide database security in cloud.

P.T.O.

- 2. Attempt any THREE of the following :** **12**
- a) Explain cloud storage security.
  - b) Explain virtualization software security.
  - c) Explain data security mitigation.
  - d) Describe security management standards.
- 3. Attempt any THREE of the following :** **12**
- a) Describe cloud identity administration.
  - b) Describe cloud security challenges.
  - c) Explain IaaS availability management.
  - d) Explain cloud authorization and management.
- 4. Attempt any THREE of the following :** **12**
- a) Explain importance of cloud security.
  - b) Explain Customer – Deployed application security.
  - c) Explain any two pros and cons of federated identity.
  - d) Explain access control in cloud.
- 5. Attempt any TWO of the following :** **12**
- a) Explain infrastructure security of network layer.
  - b) Explain aspects of data security.
  - c) Explain backup and disaster recovery used in cloud security.
- 6. Attempt any TWO of the following :** **12**
- a) Explain provider data and its security.
  - b) Explain infrastructure security at application level.
  - c) Explain security vulnerability and configuration management in cloud.
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