

# 315322

**12526**

**3 Hours / 70 Marks**

Seat No. 

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- Instructions* – (1) All Questions are *Compulsory*.
- (2) Answer each next main Question on a new page.
- (3) Illustrate your answer with neat sketches wherever necessary.
- (4) Figures to the right indicate full marks.
- (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 types of cloud security.
- b) List any two public cloud security limitations.
- c) List any four examples of Saas.
- d) State any two aspects of Data Security.
- e) List any two data protecting methods in cloud security.
- f) Define Identify Access Management (IAM).
- g) List types of Access controls in cloud.

P.T.O.

- 2. Attempt any THREE of the following: 12**
- a) Describe challenges in cloud security.
  - b) Explain Dos and EDOS attack.
  - c) Explain Backup and Disaster Recover used in cloud security.
  - d) Explain architecture of Identity Access Management (IAM).
- 3. Attempt any THREE of the following: 12**
- a) Explain approaches to achieve and security.
  - b) Explain virtualization software security.
  - c) Describe data security strategies.
  - d) Describe any two IAM protocols in cloud security.
- 4. Attempt any THREE of the following: 12**
- a) Explain web application security in cloud.
  - b) Describe Azure firewall.
  - c) Explain cloud Authorization Management.
  - d) Explain two pros and cons respectively of federated identity.
  - e) Describe access control with respect to any two cloud.
- 5. Attempt any TWO of the following: 12**
- a) Describe any two availability management techniques.
  - b) Explain IAM standards and protocols for cloud services.
  - c) Explain any six challenges addressed by Azure security.
- 6. Attempt any TWO of the following: 12**
- a) Compare Paas and Saas based on six points.
  - b) Describe public cloud limitations.
  - c) Describe security management and security vulnerability in cloud.
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