



# AJEENKYA

## D Y PATIL UNIVERSITY

---

### End Term Examinations (December 2018)

**School:** School of Information Technology

**Program:** BCA-CTIS

**Course:** Virtualization & Cloud Security

**Course Code:** CSC316

**Semester:** V

**Max Marks:** 30

**Duration (mins):** 60

---

Note- 1. Figures to the right indicates full marks.

2. Attempt any three questions.

Q1)

- a) Explain different vulnerabilities of Virtual Environment. (5)
- b) List Security recommendations for Hypervisor. (5)

Q2)

- a) List and explain the cloud models in terms of Deployment. (2)
- b) Explain Security as a Service. (8)

Q3)

- a) What is Type 1 & Type 2 Hypervisor? (2)
- b) Define the term 'Trust' in Cloud Technology. (2)
- c) Explain any 4 domains of Cloud Control Matrix. (6)

Q4)

- a) What kind of security measures will you recommend in order to secure the network connections? (5)
- b) Explain attacks which can hinder Cloud Security. (5)

Q5)

- a) Explain Cloud Security Mitigation Controls. (2)
- b) Explain Cloud Trust Protocol in detail. (8)