



# AJEENKYA

## D Y PATIL UNIVERSITY

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### End Term Examinations (April/May 2019)

**School: School of Engineering**

**Program: B.Tech – CTIS /MACT**

**Course: Datacenter Architecture**

**Course Code: CSC329**

**Semester: VI**

**Max Marks: 30**

**Duration (mins): 60 mins**

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

2. Attempt any three questions.

- Q1) a) Explain roles of Data Centre in an Enterprise. (5)  
b) What is HVAC? Describe cooling system for Data Centre in detail. (5)
- Q2) a) Explain different hazards related with Data Center. (4)  
b) Describe Data Centre Architecture with suitable diagram in detail. (6)
- Q3) a) Define term 'Business Continuity'. (2)  
b) What are budget types for designing and maintaining a Data Centre? (2)  
c) Explain different tier standard applicable for Data Centre. (6)
- Q4) a) List and explain business continuity Infrastructure services in detail. (4)  
b) List and explain types of server farms in detail. (6)
- Q5) a) List the different layers of Data Centre architecture. (2)  
b) Define term backup. Explain different backup technologies for data backup in detail. (8)

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