



# AJEENKYA D Y PATIL UNIVERSITY

---

## End Term Examinations (April/May 2019)

**School: School of Engineering**

**Program: BCA – CTIS /MACT**

**Course: Fundamentals of Data Center**

**Course Code: CSC210**

**Semester: IV**

**Max Marks: 30**

**Duration (mins): 60 mins**

---

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 Data Centre . (2)  
b) Define perforated tile and solid tile. (2)  
c) Explain different tier standard applicable for Data Centre. (6)
- Q4) a) Explain Infrastructural elements of Data Centre Structure. (4)  
b) List and explain types of server farms in detail. (6)
- Q5) a) List the different layers of Data Centre architecture. (2)  
b) List and explain types of Data Center in detail. (8)

\*\*\*\*\*