



# AJEENKYA

## D Y PATIL UNIVERSITY

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### End Term Examinations (December 2018)

**School:** School of Information Technology      **Program:** B.C.A. – CTIS / MACT

**Course:** Principles of Virtualization      **Course Code:** CSC305

**Semester:** V

**Max Marks:** 30

**Duration (mins):** 60

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

2. Attempt any three questions.

- Q1) a) Define term 'Virtualization' and explain advantages of virtualization in detail. (5)  
b) List the types Virtualization Technology and explain storage virtualization in detail (5)
- Q2) a) Explain the different ways with steps for configuring BIOS to support hardware virtualization (4)  
b) Write down steps for creating Virtual machine using hypervisor and also write steps for adding virtual disk in virtual machine for windows or ubuntu operating system. (6)
- Q3) a) What is remote access of pc? (2)  
b) Define Application virtualization (2)  
c) Describe the steps for adding role services in terms of ADDS. (6)
- Q4) a) Explain configuring remote desktop client connection with properties. (4)  
b) Describe the steps for adding role services of RDS and publish application Remotely. (6)
- Q5) a) Describe the steps for creating Clone of Virtual machine in detail. (4)  
b) Explain ESXi - Vsphere client and Hyper – V Virtualization Software. (6)