

**K. J. SOMAIYA INSTITUTE OF MANAGEMENT STUDIES AND RESEARCH**

**Program: PGDM (Executive) Fourth Trimester (Batch 2017-2018)**

**Subject: Cloud Computing**  
**(End Term examination)**

**Maximum Marks: 50**

**Date: 19/09/2018**

**Notes:**

- 1. Question No. 1 is compulsory.**
- 2. Answer any 2 question from Question 2 to Question 5.**

**Question 1 (5X6 Marks= 30 Marks)**

Using the case study “CA Technologies: Bringing the Cloud to Earth”, answer the following questions.

- a. Given the attractiveness of CA Technologies’ current mainframe and distributed business lines, how firmly would the company back the emergent cloud business?
- b. How would the company handle technological evolution and its associated need for transformation?
- c. What would CA technologies need to do to drive the growth of its cloud business?
- d. What strategies, systems and processes would have to be put in place to drive scale and profitability?
- e. Should CA Technologies’ cloud business be positioned as an incremental addition to their existing business or should it be framed as a disruptive and entirely revolutionary technology?

**Question 2 (10 Marks)**

- a. A company interested in cloud computing is looking for a provider who offers a set of basic services such as virtual server provisioning and on demand storage that can be combined into a platform for deploying and running customized applications. What type of cloud computing model fits these requirements? Justify your answer.

(4

Marks)

- b. Explain the importance of Service Level Agreements (SLAs) in cloud computing.

(6

Marks)

**Question 3 (2X5 Marks = 10 MARKS)**

- a. A company has decided to leverage the web conferencing services provided by a cloud provider and to pay for those services as they are used. The cloud provider manages the infrastructure and any application upgrades. Explain what type of cloud service model to be used?
- b. Explain the different types of cloud delivery models.

**Question 4 (10 MARKS)**

- a. Explain the different steps involved in cloud migration. (4  
Marks)
- b. Explain different cost metrics and pricing models used for performing financial analysis of cloud adoption plans. (6  
Marks)

**QUESTION 5 (10 MARKS)**

**Answer any two (2X5= 10 Marks)**

- a. IoT Applications
- b. Cloud Audits
- c. Cloud Security Mechanisms
- d. Cloud Adoption

-----End of Paper-----