



DELHI SCHOOL OF BUSINESS
By Vivekananda Institute of Professional Studies – TC

PGDM / PGDM (FINTECH) Program
TRIMESTER - VI (Batch: 2023-25)
END-TERM EXAMINATION, April 2025

Course Name	Cloud Computing for Business	Course Code	CCB
Duration	Three Hours	Max. Marks	60

Instructions:

1. Attempt any 4 questions from 1 to 5.
2. Question 6 is compulsory.
3. Provide detailed and well-structured responses with real-world examples wherever applicable.
4. Use diagrams and illustrations wherever necessary.

Q.1

Imagine you are the CTO of an e-commerce company. The company needs to scale up during **Black Friday sales** to handle the increased web traffic. Which **cloud service model** would you choose (IaaS, PaaS, or SaaS) and why?

(10 Marks) CO1

Q.2

A company wants to improve **remote collaboration** between its employees, who are located in different parts of the world. They are considering adopting a **cloud-based collaboration tool**. What are the advantages of using a **cloud-based collaboration platform** (e.g., **Google Workspace, Microsoft 365**) over traditional software?

(10 Marks) CO3

Q.3

Cloud computing is transforming the **healthcare sector** by providing scalable storage solutions for electronic health records (EHR). What are the key benefits of using **cloud-based solutions** for storing **patient data**? Explain how cloud computing ensures **compliance with HIPAA** (Health Insurance Portability and Accountability Act) regulations in the U.S.

(10 Marks) CO3



Q.4

A company has recently migrated to the cloud, but the cloud bill is higher than expected. What are the **key factors** contributing to **higher cloud costs**? How can the company optimize its cloud resources (e.g., storage, compute services) to reduce costs?

(10 Marks) CO1

Q.5

A company currently hosts its applications and data on **on-premise servers** but is considering migrating to the **cloud** for better flexibility and cost management. The company has concerns about the migration process and is unsure about the right strategy to use. Explain the **steps involved** in migrating a company's **on-premise infrastructure** to the cloud. Discuss the **migration strategy** that would be best for the company.

(10 Marks) CO2

Q.6

A small business has been using local file storage for all its data but is concerned about the risk of **data loss** due to hardware failures. The company wants to move to a **cloud-based backup solution**. What are the benefits of using a **cloud-based backup solution** for this small business? Compare it to traditional on-premise backup solutions in terms of **cost, security, and scalability**. Recommend a **cloud storage service** (e.g., **Amazon S3, Google Cloud Storage**) that can be used for **data backup**. Discuss the features and benefits of the chosen service.

(20 Marks) CO3