



GOVERNMENT POLYTECHNIC, MUMBAI  
Department of Information Technology

ODD TERM : 2024-25

Course code: FT23110

Marks : 20

TEST : 2

Course Name: Cloud Computing

Prog : Diploma in Information Technology

6 M

Qu 1 Attempt any three of the following

CO4/U

a) Differentiate between Ab-initio and Periodic Resource Management.

CO3/R

b) Explain Automated Storage Tiering.

CO3/U

c) List any three benefits of implementing Virtual Data Centre (VDC) architecture.

CO4/R

d) What is the purpose of a Service Level Agreement (SLA) in cloud computing?

CO4/R

8 M

Qu 2 Attempt the following

CO3/A

a) Explain Block and File Level Storage Virtualization with examples and benefits.

OR

CO3/U

a) Explain Cloud Service life cycle phases.

CO4/U

b) Write a note on Hadoop Distributed File System ( HDFS ).

OR

CO4/A

b) Describe using diagram the life cycle of a Service Level Agreement ( SLA ).

6 M

Qu 3 Attempt any TWO out of the following

CO3/U

a) Explain the functions of a Cloud Portal and its importance in service accessibility.

CO3/A

b) What are the benefits of application virtualization?

CO4/A

c) Explain the types of Service Providers in cloud computing.