



GOVERNMENT POLYTECHNIC, MUMBAI
Department of Information Technology

TEST : 2
Course Name: Cloud Computing
Prog : Diploma in Information Technology

ODD TERM : 2024-25
Course code: IT23110
Marks : 20

Qu 1 Attempt any three of the following	6 M
a) Differentiate between Ab-initio and Periodic Resource Management.	CO4/U
b) Explain Automated Storage Tiering.	CO3/R
c) List any three benefits of implementing Virtual Data Centre (VDC) architecture.	CO3/U
d) What is the purpose of a Service Level Agreement (SLA) in cloud computing?	CO4/R
Qu 2 Attempt the following	8 M
a) Explain Block and File Level Storage Virtualization with examples and benefits. OR	CO3/A
a) Explain Cloud Service life cycle phases.	CO3/U
b) Write a note on Hadoop Distributed File System (HDFS). OR	CO4/U
b) Describe using diagram the life cycle of a Service Level Agreement (SLA).	CO4/A
Qu 3 Attempt any TWO out of the following	6 M
a) Explain the functions of a Cloud Portal and its importance in service accessibility.	CO3/U
b) What are the benefits of application virtualization?	C31/A
c) Explain the types of Service Providers in cloud computing.	CO4/A