School of Computing Science and Engineering
B.Tech CSE
ETE - Jun 2023

Time : 3 Hours   Marks : 100

Sem IV - E2UF401B - Cloud Organisation and Architecture
Your answer should be specific to the question asked
Draw neat labeled diagrams wherever necessary

1.	Define the MapReduce function.	K1 CO1 (5)
2.	Tabulate the difference between the high performance computing and high throughput computing.	K2 CO2 (5)
3.	Discuss in detail about the OS level virtualization.	K3 CO2 (5)
4.	Explain the process of exporting data to Cloud (AWS).	K4 CO3 (10)
5.	Describe in detail about VM provisioning and migration technique with relevant case study.	K1 CO1 (10)
6.	Illustrate the features of Platform as a Service.	K4 CO3 (10)

OR

	Discuss in detail the three new computing paradigms with respect to High throughput computing	K4 CO2 (10)
7.	Distinguish between physical and virtual clusters.	K2 CO2 (10)
8.	Demonstrate in detail about PaaS with example.	K3 CO2 (15)
9.	Write a short note on the need for Cloud Mashups and various concepts of Cloud Mashups.	K4 CO4 (15)

OR

	Explain briefly the framework to comprehend the competitive environment in Cloud Computing.	K4 CO4 (15)
10.	Give a detailed note on Hadoop framework.	K3 CO3 (15)