

MST-II (December-2022)
B. Tech (CSE) VII Semester

Subject Code: CDV 4025

Duration: 90 min

Subject Name: Real World Scalable Architectures

Max. Marks: 50

Note: Question Paper consists of two parts (Part-A and Part-B).

All Questions are compulsory in Part-A.

Answer any THREE Questions from Part-B

PART A:(10*2)

S. No	Question(s)	Course Learning Outcome
1.	What are uses of zeta architecture? Give examples	CLO1
2	Give an overview of distributed file system. Give case studies	CLO4
3	What are the types of real time data storage?	CLO4
4	What are the enterprise applications? Explain in detail	CLO3
5	What is pluggable compute model?	CLO2
6	What are the applications of internet of things?	CLO5
7	Explain statistics of IOT.	CLO1
8	Explain reference architecture requirement	CI.O2
9	What is the concept of device management	CLO4
10	What is data collection, analysis and actuation? Give detailed diagram	CLO3

PART B:(10*3)

S. No	Question(s)	Course Learning Outcome
1	What is sample web server architecture?	CLO1
2	How global resource management works?	CLO2
3	How will you compare lambda, kappa and zeta architectures in terms of disadvantages?	CLO3
4	What is azure IOT reference architecture? Explain in detail with types	CLO4