

H Roll No.

TCS-801

B. TECH. (CSE) (EIGHTH SEMESTER) MID SEMESTER EXAMINATION, 2021

DISTRIBUTED SYSTEM

Time : 1½ Hours

Maximum Marks : 50

Note : (i) Answer all the questions by choosing any *one* of the sub-questions.

- (ii) Each question carries 10 marks.
1. (a) What are the different security techniques available in distributed systems ? Explain digital signature with suitable example.

10 Marks (CO1, CO2)

OR

- (b) Explain Maekawa's algorithm with suitable example. Also write the limitation of the Maekawa's algorithm.

10 Marks (CO1, CO2)

10 Marks (CO1, CO2)

(b) (i) Explain system models of Distributed systems.

10 Marks (CO1, CO2)

10 Marks (CO1)

10 Marks (CO1)

10 Marks (CO2)

10 Marks (CO2).

10 Marks (CO1)

10 Marks (CO1, CO2)

