

W-3242

M.Sc. (Fourth Semester) Examination, June-2020

COMPUTER SCIENCE

Paper - 403(V)

Distributed Computing

Time : Three Hours

Maximum Marks : 85

Minimum Marks : 29

Note : Attempt **all** questions.

All Questions carry equal marks.

Q.1. Write note on :

- a) Non - Van Neumann type computers.
- b) Updates in DDBS.
- c) System programming with C.
- d) Non - Van Neumann type languages.

Q.2. Describe distributed resource management with respect to distributed computing environment.

Q.3. What is SIMD Architecture? Explain with example of SIMD mesh connected architecture.

Q.4. a) What is physical - clock synchronization? Explain it.

- b) Explain Ada, Linda and SR with suitable examples and give major characteristics of each one of them.

Q.5. Describe distributed database with its structure, relation building database storage with the failure-line of ORACLE.

