

W-3242(A)

M.Sc. (Fourth Semester) Examination, (Second Chance) 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. Describe interprocessor communication and von-neumann architecture for computers in detail.
- Q.2. Explain distributed operating system with its services. Describe 2 memory management scheme in detail.
- Q.3. What is the structure of distributed database? How can we implemented it through oracle? Describe in detail.
- Q.4. What are parallel programming languages? How can we use these to develop a system software?
- Q.5. Explain parallel language and algorithm design for the array processor? Describe in detail. Write about - CSP, DP and Ada.

