Department of Computer Science (University of Delhi)
Minor Exam- March 2022
Subject: Parallel and Distributed Computing
Date: 23/03/2022   Time: 1 Hours
All questions are compulsory

1. Illustrate the client server architecture of one or more internet applications.
2. Differentiate the wrappers and interceptors in distributed system.
3. What is difference between tightly coupled architecture and loosely coupled architecture?
4. Using Bernstein's conditions, detect maximum parallelism between the instructions of the following code:

$$P1:A=B*C$$
$$P2:P=Q+A$$
$$P3:R=T+A$$
$$P4:A=S+P$$
$$P5:V=Q\div C$$

5. Differentiate between Control flow computing and Data-flow computing. Also give example for each.