Department of Computer Science & Engineering

ASSIGNMENT –I

Subject: Distributed Computing (18CS73)

Semester: VII   Division: A, B & C   Submission Date: 18-11-2022

Q.No.1   Give examples of Applications where the use of Mobile Code,

Mobile Agent & Proxy server is beneficial**.**   **-->2M**

Q.No.2 Compare & Contrast between synchronous & asynchronous
communication in context of characteristics of IPC**.**   **-->2M**

Q.No. 3 Describe & illustrate Client Server Architecture & state how one server
acts as a client of another server with a suitable example**.**   **-->2M**

Q.No.4 Define Marshalling & Unmarshalling. Give the marshaled form that
represents a Student struct with value :{ 'Smith','Cse', 6, 33} by using CORBA
CDR & Java Serialiazation**.**   **-->4M**