**Exercise Instructions for Students**

1. What are different types of Parallel Computer Memory Architectures?
2. Describe MPI API?
3. What are the advantages and disadvantages of using MPI?
4. Name some Minimal Set of MPI Routines.
5. What is the programming model of MPI?
6. Explain communicators, broadcasting, reduction in MPI.
7. Describe Non-Blocking Communication.