

Quiz 1
Operating Systems and Networks
IIT Hyderabad
Time: 30 minutes; Max. Marks: 20

Note: Give a brief and correct answer. **Mention your name and roll number on the answer sheet. Answer the question after writing the question in the answer sheet.**

1. What is the objective of “time-sharing”? Why the same objective can not be realized through multiprogramming?
2. What do you understand with the term “Non-Uniform Memory Access” ?
3. In which circumstances DMA is favored over interrupt driven data transfer?
4. Explain the notion of “graceful degradation”.
5. Operating System is called as a “Resident Program” (the program which always stays in the memory). Justify.