The following is a list of possible questions for our quiz on February 16th. Some of the questions will not be asked in the quiz. All the questions that will appear in the quiz will appear exactly as shown below (however, numeric parameters may be changed). The quiz is closed textbook, closed notes and closed neighbors. Note that the questions, which did not appear in this quiz, still may appear in the exams. You will find a solution for these questions during lectures.

#1: What does the acronym “RPC” stand for? What is it for?

#2: What is (are) the advantages in using RPC?

#3: What are the major tasks the RPC in the client-side OS performs?

#4: Which parameter-passing-mode of “pass-by reference” and/or “pass-by value” does RPC use?

#5: What are the information the client-side RPC application needs to specify?

#6: Does “RPC” realize a truly “distributed system” from the programmers’ viewpoints? If yes, why? If not why not?

#7: What does the acronym, “ORB” stand for? What is it (a definition for “ORB”)?

#8: Which of “the client-server mode” or “the peer-to-peer model” is ORB based on?

#9: Which are the major advantages of “ORB” compared with RPC?

#10: What is the primary (essential) difference of “CORBA” from “RPC (Remote Procedure Call)”?

#11: What is the relationship between “ORB” and “CORBA”?

---

1