Please answer all questions.

1) Answer the following questions about the HTTP protocol (50 pts):
   • What is a communication protocol?
   • What is the structure of an HTTP request message?
   • What is the structure of an HTTP response message?
   • Why do HTTP messages carry a version field?
   • What is a stateless protocol? Why was HTTP designed to be stateless?

2) Answer the following questions about Application Architecture (50 pts):
   • What is a three-tier architecture?
   • What advantages does it offer over single-tier and two-tier architectures?
   • Give a short overview of the functionality at each of the three tiers.

NOTE: This is due next class, October 15, 2005 – No late submissions!