Please carefully review the following list of contents. The final exams will not necessarily cover everything in the list, but the topics beyond this list will not be covered. Inside the parentheses, the forms of questions that will appear in the final exam and the points related to the specific chapters are also provided. There may be more than one correct choices for each multiple-choice question (选择题). Please select all choices that apply. You will only get the score, if you select exactly the correct choices.

Chapter 1: Introduction (**6 分选择题+6 分大题**)
  Internet structure; network edge; network core; access networks; delay, loss, and throughput; protocol layers

Chapter 2: Application Layer (**10 分选择题+14 分大题**)
  application architectures; process communicating; sockets; addressing processes; web and HTTP; cookies; web caches; FTP; email protocols; DNS

Chapter 3: Transport Layer (**10 分选择题+10 分大题**)
  multiplexing and demultiplexing; rdt (state machine excluded); UDP; TCP; TCP congestion control

Chapter 4: Network Layer-Data Plane (**8 分选择题+8 分大题**)
  control plane and data plane concepts; router architecture; IP

Chapter 5: Network Layer-Control Plane (**6 分选择题+6 分大题**)
  routing protocols; intra-AS routing; inter-AS routing

Chapter 6: Link Layer (**8 分选择题+8 分大题**)
  error detection and correction; multiple access protocols (CSMA/CA included); LANs