

所別：網路學習科技研究所碩士班 不分組 科目：計算機網路

1. Please describe two modes in the 802.11, Ad Hoc mode and infrastructure mode, in details.(25%)
2. To guarantee that connections are established or terminated reliably, TCP uses a 3-way handshake mechanism. Please give one illustration to setup a new connection and describe its operation. (25%)
3. In the Internet, there will be many portable devices available such tablet PCs or PDAs. For convenience to allocate IP address and other configurations to the devices automatically, the DHCP server is employed. Please describe what the configuration information is given by DHCP server and How to do the automatic allocation. (25%)
4. Please describe the following terminologies (25%)
 - 甲、 ATM(Asynchronous Transfer Mode)
 - 乙、 IPV6 (Internet Protocol version 6)
 - 丙、 RIP (Routing Information Protocol)
 - 丁、 SNMP (Simple Network Management Protocol)
 - 戊、 Congestion control in TCP

參考用