

資訊概論試題

(限用答案本作答)

1. (20%) Name and explain the 4 layers of the TCP/IP protocol suite.
2. (10%) Please describe the major differences between a time-sharing and a client/server environment.
3. (10%) Please differentiate between connectionless communication and connection-oriented communication.
4. (10%) What are the basic hardware components of the computer system?
5. (10%) Please describe the two major categories of software.
6. (10%) Create a flowchart for a routine task, such as calling a friend by the mobile phone, that you do on a regular basis.
7. (10%) Express the following binary numbers in decimal: 10101101, and 0.1011
8. (20%) Please describe the truth tables of logical operations in the AND, OR, NOT, and Exclusive-OR gate.

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