

淡江大學 102 學年度碩士班招生考試試題

系別：管理科學學系

科目：資訊概論

考試日期：3月10日(星期日) 第2節

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70

I. Multiple Choice (20%)

1. What is the name given to unemployment caused by technology making an entire job category obsolete?
 - A. technological unemployment
 - B. corporate unemployment
 - C. structural unemployment
 - D. automated unemployment
2. Which of the following is *not* an example of application software?
 - A. word processor
 - B. spreadsheet
 - C. photo editor
 - D. operating system
3. What is the name of the expansion board that enables a computer to connect to a network?
 - A. network information client
 - B. network interface card
 - C. node interface circuit
 - D. network interval circuit
4. What is assigned to every computer on the Internet to facilitate the exchange of data?
 - A. IP address
 - B. terminator
 - C. logical address
 - D. physical address
5. Which wireless technology is designed to deliver high-speed access over long distances?
 - A. WiMAX
 - B. Bluetooth
 - C. DSL
 - D. PSTN
6. What is the term for flooding a service with meaningless data in an attempt to make that service unavailable to other users?
 - A. salami shaving
 - B. spam
 - C. spim
 - D. a denial of service (DoS) attack
7. Which of the following statements about packet switching is *not* true?
 - A. It is used by WAN protocols.
 - B. Packets are examined by routers.

本試題雙面印刷

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170-2

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- C. Packets must be received in the same order in which they were sent.
D. Missing packets must be retransmitted.
8. What type of database would contain information *only* for a single department of a specific organization?
A. data mine
B. data warehouse
C. blob
D. data mart
9. Which of the following is listed in order from smallest to largest?
A. KB, GB, MB, TB
B. KB, MB, GB, TB
C. KB, MB, TB, GB
D. MB, KB, GB, TB
10. Which of the following character codes uses 16 bits and can represent many languages?
A. Unicode
B. ASCII
C. PCI
D. EBCDIC

Essay

- II. What is the difference between registers and primary cache? (15%)
III. Explain the difference between a wiki, a blog, and a podcast. (15%)
IV. What is a primary key? What is a foreign key? How are these used in a relational database? (15%)
V. What is cloud computing? What is one of its benefits? (15%)
VI. List three to five factors that affect the performance and speed of a computer. (20%)