

# 元智大學 103 學年度研究所 碩士班 招生試題卷

系(所)別：工業工程與管理  
學系碩士班

組別：不分組

科目：計算機概論

用紙第 / 頁共 / 頁

●不可使用電子計算機

- (1) Please answer the following questions (15%, each 5%)
  - (a) What is the purpose of IP address?
  - (b) What is the purpose of MAC address?
  - (c) What is the purpose of Proxy Server?
- (2) Please answer the following questions (10%, each 5%)
  - (a) What is Structured Query Language (SQL)?
  - (b) What is HyperText Markup Language (HTML)?
- (3) Please answer the following questions (10%, each 5%)
  - (a) What is the difference between "class" and "object" in object-oriented programming?
  - (b) What is inheritance in object-oriented programming?
- (4) Please explain the following questions (15%, each 5%)
  - (a) What is Cloud Computing?
  - (b) What is IaaS in Cloud Computing?
  - (c) Google Mail belongs to what kind of Cloud Computing services (IaaS, PaaS, or SaaS)?
- (5) Illustrating the following the terms of computer concepts. (50%, each 5%)
  - (a) What the English full name of "bit" is?
  - (b) What the English full name of "App" in mobile computing?
  - (c) Why people use the word Java to name "Java Language?"
  - (d) Why people use the word Cloud to name "Cloud Computing?"
  - (e) Why people use the word Mobile to name "Mobile Computing?"
  - (f) Why people use "+" to name "C++ Language?"
  - (g) What URL is?
  - (h) What TCP/IP is?
  - (i) What differences between RAM and ROM are?
  - (j) What is your idea on designing an anti-virus software?

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