



## 第一部份：選擇題(30%)

1. For \_\_\_\_\_, a GPS receiver is also needed.
  - A) e-commerce
  - B) c-commerce
  - C) l-commerce
  - D) m-commerce
2. A big stumbling block to the adoption of collaborative commerce is
  - A) the lack of a stable collaborative commerce software
  - B) the lack of top management support
  - C) the lack of well defined and universally agreed-on standards
  - D) the lack of awareness of the benefits of collaborative commerce
3. Characteristics of digital economy include all of the following EXCEPT:
  - A) A vast array of digitizable products like databases, news, information, books, and musical CDs.
  - B) Consumers and firms conducting financial transactions digitally.
  - C) Physical good such as home appliances and automobiles embedded with microprocessors and networking capabilities.
  - D) Elimination of all traditional intermediaries
4. A world in which every object has processing power with wireless or wired connections to a global network is the world of \_\_\_\_\_.
  - A) embedded computing
  - B) pervasive computing
  - C) ubiquitous computing
  - D) all of the above
5. \_\_\_\_\_ are self-contained, self-describing business and consumer modular applications, delivered over the Internet, that users can select and combine through almost any device, ranging from personal computers to mobile phones.
  - A) XML
  - B) Web Services
  - C) Object Services
  - D) Information Services



6. A(n) \_\_\_\_\_ refers to a company's Web site that is used as a gateway to the corporate data, information, and knowledge.
- A) URL
  - B) Company Network
  - C) Intranet
  - D) Corporate Portal
  - E) Internet
7. Characteristics of Data Warehousing include the following except:
- A) Volatile
  - B) Web-based
  - C) Relational structure
  - D) Organization
8. Which of the following statements about Knowledge Management Systems (KMSs) is NOT true?
- A) KMS refer to the use of modern information technologies like the Internet, intranets, extranets, Lotus-Notes, Software filters, Agents, and Data Warehouses to capture and share knowledge.
  - B) the purpose of KMSs is to systematize, enhance, and expedite intra-firm and inter-firm knowledge management.
  - C) KMSs are being built in part from an increased pressure to maintain a well-informed and productive workforce.
  - D) It is no longer difficult to measure the success of KMSs.
9. One component of a typical RAD System might include:
- A) reusable components
  - B) a non-GUI development environment
  - C) no reusable components
  - D) no code generators
10. Which of the following most comprehensively defines SRM?
- A) contractors are the suppliers
  - B) distributors are the suppliers
  - C) partners are the suppliers
  - D) customers are the suppliers





11. The emerging technology for integrating B2B and intrabusiness applications
  - A) Web services
  - B) Edi
  - C) XML
  - D) Groupware
12. Establishes the relationship between the overall organizational plan and the IT plan.
  - A) Information requirements analysis
  - B) Project planning
  - C) Strategic IT planning
  - D) Resource allocation
13. Which of the following are types of Interorganizational- Systems?
  - A) Integrated Messaging, EST, Exchangeable Data
  - B) Groupware, Global System, EFT
  - C) Interconnected Databases, Interfaced Messaging
  - D) Shared Databases, Integrated System, Collaboration Support System
14. Which of the following is Not one of the main reasons offered by economists to explain the productivity paradox?
  - A) problems with data or analyses hide productivity gains from IT
  - B) gains from IT are offset by losses in other areas
  - C) IT productivity gains are offset by IT costs or losses
  - D) current measures of multifactor productivity are flawed
15. \_\_\_\_\_ encompasses all activities related on the planning, organizing, acquiring, maintaining, securing, and controlling or IT resources.
  - A) IRM
  - B) ISD
  - C) IMP
  - D) IBM

**第二部份：問答題(70%)**

1. Describe the relationship among network effects (or network economics), positive feedback and lock-in effect; analyze their major implications on business's competitive advantages.(10%)



2. Describe the important dimensions of knowledge and the capabilities of knowledge network systems. (10%)
3. Describe the information technology and management solutions for preventing information leakage among supply chain firms. (25%)
4. Why the use of system dynamics is a method to overcome the limitations to Balance Scorecard? Describe the frame work for business intelligence with the system dynamics. (25%)