國防大學管理學院 101 學年度碩士班入學考試試題

身分:全時進修軍費生/自費生

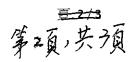
所別:資訊管理學系碩士班

科目:管理資訊系統

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- is a formal approach to managing data consistently in an entire organization.
 - (A) Data warehousing (B) Data governance (C) ER modeling
 - (D) Ontology (E) Metadata management
- 2. The main problem of the SDLC approach to systems development is the_____ nature of the process.
 - (A) iterative (B) waterfall (C) stop-and-start
 - (D) continuous (E) contingent
- 3. Which of the following is NOT one of the methods you can use to prevent the information stored in your portable devices from unauthorized disclosure?
 - (A) Keep your portable devices in an unapparent container.
 - (B) Encrypt the hard drive of your laptop.
 - (C) Have proactive intrusion detection and prevention software installed on your computer.
 - (D) Use digital watermarks.
 - (E) Use two-factor authentication.
- 4. A description of activities and services that a system must provide is
 - (A) functional requirement (B) non-functional requirement (C) prototype
 - (D) physical requirement (E) none of these.
- 5. OLAP is a tool for enabling:
 - (A) Users to view both logical and physical views of data.
 - (B) Programmers to normalize data.
 - (C) Programmers to quickly diagram data relationships.
 - (D) Users to obtain online answers to ad hoc questions in a rapid amount of time.
- Which of the following Internet business models does Amazon.com use? 6.
 - (A) Market creator (B) Portal
 - (C) Content provider (D) E-tailer
- 7. Which of the following would NOT be classified as a type of intelligent technique?
 - (A) Genetic algorithms (B) Case based reasoning
 - (C) Virtual reality
- (D) Neural networks

- 8. What is a value chain?
 - (A) The series of business processes, each of which adds value to products or services for your customers
 - (B) A set of products and services that have proved valuable and profitable for your business
 - (C) The information or feedback from customers that is then used to improve the quality of your products or services
 - (D) The series of business partners and team members that are directly responsible for producing and processing a set of products or services for your customers
- 9. Which of the following is the most accurate definition of an extranet?
 - (A) It allows remote users to securely connect over the Internet or via private networks to the enterprise's main intranet.
 - (B) It allows remote users to securely connect over the Internet to the enterprise's main intranet.
 - (C) It allows remote users to securely connect via private networks to the enterprise's main intranet.
 - (D) It allows remote users to securely connect via private networks to the Intranet.
- 10. Typically the data warehouse uses a____structure.
 - (A) Relational (B) nonvolatile (C) client/server
 - (D) web-based (E) network
- 11. The purpose of the _____architecture is to maximize the use of computer resources. It provides a way for different computing devices to work together, each doing the job for which it is best suited.
 - (A) Mainframe computing (B) client/sender computing (C) PC computing
 - (D) centralized computing (E) network computing
- 12. Which of the following is NOT considered to be advantage of a data mart?
 - (A) significantly shorter lead time for implementation
 - (B) centralized rather than local control
 - (C) rapid response time (D) low cost (E) targeted
- 13. Enterprise Resource Planning (ERP) system's major objective is to:
 - (A) electronically link an organization with its suppliers.
 - (B) electronically link an organization with its customers.
 - (C) manage human resource requirements for production.
 - (D) handle inventory.
 - (E) Integrate all departments and functions within an organization.



- 14. Which of the following statements about supply chain flows is most accurate?
 - (A) There are two major flows in the supply chain: people and money.
 - (B) There are two major flows in the supply chain: material and money.
 - (C) There are three major flows in the supply chain: material, information, and financial flows
 - (D) There are three major flows in the supply chain: material, information, and people flows.
- 15. Which of the following is NOT one of the major reasons that Business Process Redesign (BPR) fails?
 - (A) large expenses (B) inability to properly align BPR and IT
 - (B) organizational resistance (D) lack of available technology
- 16. A description of activities and services that a system must provide is
 - (A) functional requirement (B) non-functional requirement (C) prototype
 - (D) physical requirement (E) none of these.

ル II. 簡答題 (每題**◆**分)

- 請解釋下列網路威脅方式:特洛伊木馬程式、網路釣魚、網路監聽、阻絕服務攻擊。
- 2. 何謂系統開發生命週期(System Development Life Cycle, SDLC)?
- 3. 何謂雲端運算(cloud computing)?請說明採用雲端運算可能的優點與風險。
- 4. 新、舊資訊系統轉換時有哪些轉換方法(conversion)?各有何優、缺點?