

## Management Information Systems

- 1) Which computer-based information system is concerned with improving efficiency by applying technology to common administrative tasks such as creating documents?
- expert system
  - strategic information system
  - office automation system
  - business information system

**Competency:** Systems analysis and design

- 2) In which phase does the actual programming of software code take place?
- analysis
  - design
  - development and documentation
  - maintenance and evaluation

**Competency:** Systems analysis and design

- 3) What type of error will a modulus-11 check digit detect?
- multiple digit errors
  - single transposition errors only
  - single transcription errors only
  - single transcription errors and single transposition errors

**Competency:** Database management and modeling concepts

- 4) An advantage of a database program is:
- data can be added or deleted easily
  - office correspondence can be handled
  - all records can be displayed at one time
  - all fields can be printed in a one-page report

**Competency:** Object oriented analysis and design

- 5) What does the term "encapsulation" mean?
- a. hiding operations of an object from the users
  - b. hiding implementation details of methods from the users
  - c. hiding the object from the users
  - d. hiding attributes of an object from the users

**Competency:** User interfaces

- 6) What are data input terminal commands normally used for?
- a. add and/or delete data
  - b. detect errors in data input
  - c. select one out of many alternatives often by a mouse click
  - d. enter new data

**Competency:** User interfaces

- 7) When are errors more likely to occur?
- a. when data is entered by users
  - b. when the keyboard design is bad
  - c. when data is entered by operators
  - d. when data is handwritten by users and then entered by the operator

**Competency:** User interfaces

- 8) When defining the operational process of your RDBMS, which one of the following is a valid ongoing "operational process"?
- a. system requirement
  - b. user name
  - c. performance monitoring
  - d. data dictionary specification

**Competency:** System controls

- 9) Which one of the following is an important consideration when tuning an SQL statement?
- a. the use of bitmap indexes
  - b. the quality of the SQL optimization
  - c. the degree of parallelism on the tables
  - d. the number of CPUs on the server

**Competency:** Defining system and business requirements

- 10) What do technical writers provide for the new system?
- a. documentation
  - b. analysis
  - c. network
  - d. programs

**Competency:** Defining system and business requirements

#### **ANSWER KEY**

- 1. C
- 2. C
- 3. D
- 4. A
- 5. B
- 6. A
- 7. D
- 8. C
- 9. B
- 10. A