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?
   a. expert system
   b. strategic information system
   c. office automation system
   d. business information system

   **Competency:** Systems analysis and design

2) In which phase does the actual programming of software code take place?
   a. analysis
   b. design
   c. development and documentation
   d. maintenance and evaluation

   **Competency:** Systems analysis and design

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

   **Competency:** Database management and modeling concepts

4) An advantage of a database program is:
   a. data can be added or deleted easily
   b. office correspondence can be handled
   c. all records can be displayed at one time
   d. 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