

QUESTION 1

Which of the following has (have) the broadest impact on an organization?

- a) Decisions about hardware.
- b) Decisions about software.
- c) Decisions about data.
- d) Both “decisions about hardware” and “decisions about software.”
- e) All of these have an equal impact.

QUESTION 2

_____ occurs when the same data are stored in many places.

- a) Data isolation
- b) Data integrity
- c) Data consistency
- d) Data redundancy
- e) Application/Data dependence

QUESTION 3

You have moved to a different apartment, but your electricity bill continues to be sent to your old address. The Post Office in your town has which problem with its data management?

- a) Data redundancy
- b) Data inconsistency
- c) Data isolation
- d) Data security
- e) Data dependence

QUESTION 4

Place the following members of the data hierarchy in their correct order:

- a) Bit – byte – field – record – database – file
- b) Bit – field – byte – record – file – database
- c) Byte – bit – record – field – database
- d) Bit – byte – field – record – file – database
- e) Bit – record – field – byte – file -- database

QUESTION 5

In a database, the primary key field is used to _____.

- a) specify an entity
- b) create linked lists
- c) identify duplicated data
- d) uniquely identify a record
- e) uniquely identify an attribute

QUESTION 6

_____ are fields in a record that have some identifying information but typically do not identify the record with complete accuracy.

- a) Primary keys
- b) Foreign keys
- c) Duplicate keys
- d) Attribute keys
- e) Record keys

QUESTION 7

At your university, students can take more than one class, and each class can have more than one student. This is an example of what kind of relationship?

- a) one-to-one
- b) one-to-many
- c) many-to-one
- d) many-to-many
- e) some-to-many

QUESTION 8

_____ is a method for analyzing and reducing a relational database to its most streamlined form.

- a) Structured query
- b) Normalization
- c) Query by example
- d) Joining
- e) Relational analysis