User ID:_____ CS-3020 In-Class Quiz #4 NAME:_____

#1 A relational database model allows relationships between data to be considered without concern for the _____.

(a) application of the data
(b) structure of the data
(c) meaning of the data
(d) None of these
(e) All of these

#2 How is an ArrayList different from a regular array?

(a) Both are the same; however one is a naming convention of C#.
(b) An array can only hold value types.
(c) It can hold objects of various types.
(d) It can hold objects of various types and the size is dynamic.
(e) The size is dynamic.

#3 You can call a BindingSource's _____ method to move to the first row of the result.

(a) Reset
(b) MoveFirst
(c) Seek
(d) FirstRow
(e) FIrst

#4 There is a _____ relationship between a primary key and its corresponding foreign key.

(a) structural
(b) many-to-many
(c) reciprocal
(d) one-to-many
(e) one-to-one

#5 Prepackaged data-structure classes provided by the .NET Framework are called _____.

(a) DS classes
(b) data classes
(c) generic classes
(d) collection classes
(e) data-structure classes

Enter the letter(s) of each answer below. You may choose multiple answers, but credit will be divided by the number of choices made.

1_____ 2_____ 3_____ 4_____ 5_____ 6_____ 7_____ 8_____ 9_____ 10_____

#6 Tables from databases are commonly shown in a GUI through a _____.

(a) DataTableView
(b) ListBoxView
(c) SpreadSheetView
(d) DataGridView
(e) DataBoxView

#7 Today's most popular database systems are _____ databases.

(a) managed
(b) structural
(c) relational
(d) hierarchical
(e) formatted

#8 The enumerator of a HashTable uses the _____ structure to store key-value pairs.

(a) DictionaryEntry
(b) Bond
(c) HashKey
(d) Connection
(e) Relationship

#9 Which of the following is not a method provided by an array?

(a) Sort
(b) Copy
(c) Reverse
(d) Index
(e) BinarySearch

#10 Relational databases can be thought of as _____.

(a) tables of rows and columns
(b) collections of two-dimensional arrays
(c) columns
(d) rows
(e) three-dimensional arrays