| **Instructions** | **Chapter 08 Study Guide** |

Instructions

▸ The results that are currently available for your attempt are listed to the right.

Legend

✔ Correct Response

✗ Incorrect Response

➥ Correct Answer

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🔵 **To Submissions**

Attempt 1

Written: Nov 18, 2007 from 11:40 PM to 11:47 PM

Submission View

Your quiz has been submitted successfully.

Question 1   6.67 / 6.67 points

The _____ data types are used to store whole numbers.

Answer: integer ✔

Question 2   6.67 / 6.67 points

The _____ of a decimal value indicates the total number of digits that can be stored in a decimal data type.

Answer: precision ✔

Question 3   6.67 / 6.67 points

_____ characters can be used to encode the characters that are used in languages throughout the world.

Answer: Unicode ✔

Question 4   6.67 / 6.67 points

The difference between the CAST function and the CONVERT function is that the _____ function accepts an optional style argument that lets you specify a format for the result.

Answer: CONVERT ✔

Question 5   6.67 / 6.67 points

Write the code for casting a decimal field named InvoiceAmount to a varchar datatype using the CAST function: _____

Answer: CAST(InvoiceAmount AS VARCHAR) ✔

Question 6   6.67 / 6.67 points

Write the code for an ORDER BY clause that sorts a table into numeric sequence by the data in the PartCode column if that column contains whole numbers that are stored with the varchar data type:

_____

Answer: ORDER BY CAST(PartCode AS INT) ✔

Question 7   6.67 / 6.67 points

The new ranking functions make it easy to include a column in a result set that provides the sequential ranking number of each row within a/an

_____.

Answer: partition ✔

Question 8   6.67 / 6.67 points

All of the following values can be stored in a column that's defined as decimal(6,2), except

○ 0

✓ ◉ 32492.05

○ -246.29

○ 2479.95

Question 9   **6.67 / 6.67 points**

Which uses the least amount of storage?

○ 'exam' stored in a column of type nchar(20)

○ 'example' stored in a column of type nchar(20)

○ 'ex' stored in a column of type nchar(20)

✓ ◉ they all use the same amount of storage

Question 10   **6.67 / 6.67 points**

Which uses the least amount of storage?

○ 'example' stored in a column of type varchar(20)

○ 'exam' stored in a column of type varchar(20)

✓ ◉ 'ex' stored in a column of type varchar(20)

○ they all use the same amount of storage

Question 11   **6.66 / 6.66 points**

The date/time data types can store

○ times only

✓ ◉ dates and times

○ all of the above

○ dates only

Question 12   **6.66 / 6.66 points**

Which of the following statements is true?

○ Every data type can be implicitly converted to every other data type.

✓ ◉ Implicit data type conversion is performed any time you mix values of different data types in an expression.

○ Values are implicitly converted from the data type with higher precedence to the data type with lower precedence.

○ You can convert a data type implicitly by using either the CAST or the CONVERT function.

Question 13   **6.66 / 6.66 points**

If FirstName contains Edward and LastName contains Williams, what will the Solution column contain when this code is executed?
```
LOWER(LEFT(FirstName,1) + LEFT(LastName,7)) AS Solution
```

○ `ewilliams`

✓ ◉ `ewilliam`

○ `EWilliam`

○ `EWilliams`

Question 14   **6.66 / 6.66 points**

If ExpirationDate contains a value that's equivalent to November 2, 2006 and the GetDate function returns a value that's equivalent to December 17, 2006, what will the Solution column contain when this code is executed?
```
DATEDIFF(day, ExpirationDate, GetDate()) AS Solution
```

○ 1

○ 15

✔ ⦿ 45

○ 30

Question 15   **6.66 / 6.66 points**

Which of the following is *not* a valid way to avoid search problems when you want to search for rows that have specific date in a column that's defined with the datetime data type and which might include time values?

○ search for datetime values that fall between the day before and the day after the date you want

✔ ⦿ use the DatePart function to extract just the date from each datetime value

○ use the Day, Month, and Year functions to do the search

○ convert and truncate each datetime value to a varchar value that includes just the date value

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Attempt Score: 100 / 100 (100%)
Overall Grade (highest attempt)**:** 100 / 100 (100%)