* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​Which of the following functions can be used to substitute another value for a NULL value during calculations? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctd.  ​NVL | | Correct Answer: | Correctd.  ​NVL | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Use MON in the format argument to spell out the specified month.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct False | | Correct Answer: | Correct False | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ function is used to return a portion of a string.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect LENGTH | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | SUBSTR |  |  |  | | --- | |  | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​Which of the following functions can be used to fill a character string to a specific width? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctd.  ​both a and b | | Correct Answer: | Correctd.  ​both a and b | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The YR element can be included in a format argument of the TO\_CHAR function to spell out the year of the specified date. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct False | | Correct Answer: | Correct False | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If a group function is used in the WHERE clause, then any individual columns listed in the SELECT clause must also be listed in the GROUP BY clause. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect True | | Correct Answer: | Correct False | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The STDVAR function is used to determine the standard deviation of numeric data. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct False | | Correct Answer: | Correct False | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Functions that return one result per group of rows are called \_\_\_\_ functions. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  all of the above | | Correct Answer: | Correct  all of the above | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The MIN function is used to determine the smallest value in a specified column. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct True | | Correct Answer: | Correct True | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If the DISTINCT keyword is not included in the SUM function, the \_\_\_\_ keyword will be assumed. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  ALL | | Correct Answer: | Correct  ALL | |  |  |  |

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ function allows different actions to be performed based upon whether a NULL value exists in a specified column.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct NVL2 | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | NVL2 |  |  |  | | --- | |  | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​Contents of ORDERS table  Note:  Column names are truncated as follows:  SH = SHIPSTATE and SHIPZ = SHIPZIP.  ​Based upon the contents of the ORDERS table, which of the following SQL statements will display only those orders shipped to the zip code zone that begins with 323? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctc.  SELECT order#  FROM orders  WHERE SUBSTR(shipzip, 1, 3) = 323; | | Correct Answer: | Correctc.  SELECT order#  FROM orders  WHERE SUBSTR(shipzip, 1, 3) = 323; | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A single-row function can be used with the DUAL table.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct True | | Correct Answer: | Correct True | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​Which of the following format argument elements will display the number of seconds past midnight? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correcta.  ​SSSS | | Correct Answer: | Correcta.  ​SSSS | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The SOUND function is used to determine the phonetic representation of a character string. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct False | | Correct Answer: | Correct False | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The MAX function can only be used with numeric or date columns. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct False | | Correct Answer: | Correct False | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_ function calculates the standard deviation for a specific set of data. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  STDDEV | | Correct Answer: | Correct  STDDEV | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_ function can be used to determine the number of rows meeting a specific condition. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  COUNT | | Correct Answer: | Correct  COUNT | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following is a correct statement? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  An asterisk can be used as the argument for the COUNT function to include NULL values in the results. | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The default keyword for group functions is \_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  ALL | |  |  |  |

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | SYSTEMDATE can be used to include the computer's date in a SQL statement. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect True | | Correct Answer: | Correct False | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A Julian date represents the number of hours that have passed since January 1, 4712 B.C. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect True | | Correct Answer: | Correct False | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​Which of the following is a table provided in Oracle which can be helpful for testing functions? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correcta.  ​DUAL | | Correct Answer: | Correcta.  ​DUAL | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following functions can be used to remove a specific set of characters from the left side of a set of data values?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correcta.  ​LTRIM | | Correct Answer: | Correcta.  ​LTRIM | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ function converts character strings to lower-case letters.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct LOWER | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | LOWER |  |  |  | | --- | |  | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Group functions can only be nested to a depth of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct two | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | two |  | | Correct*Exact Match* | 2 |  |  |  | | --- | |  | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Contents of the BOOKS table nar001-1.jpg  Based upon the contents of the BOOKS tables, which of the following SQL statements will return the number of different publishers represented in the table? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct  SELECT COUNT(DISTINCT pubid) FROM books; | | Correct Answer: | Correct  SELECT COUNT(DISTINCT pubid) FROM books; | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Contents of the ORDERS table nar002-1.jpg  Based on the contents of the ORDERS table, which of the following SQL statements will display the number of orders that have not been shipped? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect  SELECT COUNT(shipdate) FROM orders WHERE shipdate IS NULL; | | Correct Answer: | Correct  SELECT COUNT(\*) FROM orders WHERE shipdate IS NULL; | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | By default, the AVG function assumes the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ keyword, which indicates that all values should be included in the calculation. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | ALL |  |  |  | | --- | |  | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If a SELECT statement contains HAVING, GROUP BY, and WHERE clauses, the \_\_\_\_ clause will be processed last. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  HAVING | |  |  |  |

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​Which of the following format elements will display 1:00 p.m. as 13? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctd.  ​HH24 | | Correct Answer: | Correctd.  ​HH24 | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ function converts character strings to lower-case letters.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct LOWER | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | LOWER |  |  |  | | --- | |  | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​Which of the following functions is used to determine the number of months between two date values? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correcta.  ​MONTHS\_BETWEEN | | Correct Answer: | Correcta.  ​MONTHS\_BETWEEN | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​Contents of ORDERS table  https://mymasonportal.gmu.edu/courses/1/22163.201810/ppg/cognero/Chapter_10_Selected_Single_Row_Functions/media/f2745cd8-1ddb-45b9-bee3-f525e5fe1d30.JPEG  Note:  Column names are truncated as follows:  SH = SHIPSTATE and SHIPZ = SHIPZIP.  ​Based upon the contents of the ORDERS table, which of the following SQL statements will display only those orders shipped to the zip code zone that begins with 323? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correcta.  SELECT order#  FROM orders  WHERE SUBSTR(shipzip, 1, 3) = 323; | | Correct Answer: | Correcta.  SELECT order#  FROM orders  WHERE SUBSTR(shipzip, 1, 3) = 323; | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If the two values compared by the NULLIF function are equal, what value does the function return? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correctc.  NULL | | Correct Answer: | Correctc.  NULL | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The only group function that includes NULL values is the NVL function. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect True | | Correct Answer: | Correct False | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The AVG function only includes non-NULL values in its calculations. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct True | | Correct Answer: | Correct True | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The WHERE clause can contain group functions. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct False | | Correct Answer: | Correct False | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The GROUP BY clause can only be used when a SELECT statement includes a group function. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct False | | Correct Answer: | Correct False | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The WHERE clause filters the data before grouping, while the HAVING clause filters the groups after grouping is performed. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct True | | Correct Answer: | Correct True | |  |  |  |

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​Which of the following functions will truncate a numeric value to a specific position? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctb.  ​TRUNC | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​Which of the following format elements will display the value of Friday in a specified date as a 6? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​D | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​Which of the following returns one row of results for each record processed? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correcta.  ​single-row function | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​Which of the following is a table provided in Oracle which can be helpful for testing functions? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctb.  ​DUAL | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ function allows different actions to be performed based upon whether a NULL value exists in a specified column.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | NVL2 |  |  |  | | --- | |  | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Contents of the ORDERS table nar002-1.jpg  Based on the contents of the ORDERS table, which of the following SQL statements will display the number of orders that have not been shipped? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  SELECT COUNT(\*) FROM orders WHERE shipdate IS NULL; | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The AVG function only includes non-NULL values in its calculations. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Contents of the BOOKS table nar001-1.jpg  Based upon the contents of the BOOKS table, which of the following will determine the number of books provided by publisher 3? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  SELECT COUNT(pubid) FROM books WHERE pubid = 3; | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The COUNT function can only be used for numeric columns. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If a SELECT statement contains HAVING, GROUP BY, and WHERE clauses, the \_\_\_\_ clause will be processed last. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  HAVING | |  |  |  |

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​Which of the following format argument elements will display the number of seconds past midnight? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​SSSS | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​Contents of ORDERS table  https://mymasonportal.gmu.edu/courses/1/22163.201810/ppg/cognero/Chapter_10_Selected_Single_Row_Functions/media/f2745cd8-1ddb-45b9-bee3-f525e5fe1d30.JPEG  Note:  Column names are truncated as follows:  SH = SHIPSTATE and SHIPZ = SHIPZIP.  ​Based upon the contents of the ORDERS table, which of the following SQL statements will display the ship date for order 1006 as April 2, 2002? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correcta.  ​SELECT order#, TO\_CHAR(shipdate, 'Month DD, YYYY') FROM orders; | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​When functions are nested, the \_\_\_\_ function is solved last. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​outer | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​Which of the following functions can be used to determine the date one month after a specified date? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​ADD\_MONTHS | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following is used to return a portion of a character string?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctc.  ​SUBSTR | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If a group function is used in the SELECT clause, then any individual columns listed in the SELECT clause must also be listed in theORDER BY clause. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ function is used to determine the largest value stored in a specified column. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | MAX |  |  |  | | --- | |  | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The WHERE clause specifies which groups will be displayed in the results. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_ function can be used to determine the number of rows containing a specified value. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  COUNT | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | When group functions are nested, the inner function is always resolved first. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ function fills the area to the right of a character string with a specific character.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | RPAD |  |  |  | | --- | |  | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ function is used to return a portion of a string.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | SUBSTR |  |  |  | | --- | |  | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ function is used to determine a new date by adding a specified number of months to a date value. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | ADD\_MONTHS |  |  |  | | --- | |  | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following functions determines the number of characters in a character string?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctc.  ​LENGTH | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The ROUND function can be used to round numeric data to the left or right of the decimal point. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The VARIANCE function can be used with \_\_\_\_ columns. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  numeric | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ function can be used to count the total records that meet a specific condition, including those that contain NULL values. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | COUNT |  | | Correct*Exact Match* | COUNT(\*) |  |  |  | | --- | |  | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The GROUP BY clause is used to restrict the groups returned by a query. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The STDDEV function calculates the standard deviation for the data contained in a specified field. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Contents of the BOOKS table nar001-1.jpg  Based on the contents of the BOOKS table, which of the following will display the date of the book with the earliest publication date? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  SELECT MIN(pubdate) FROM books; | |  |  |  |

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ function allows different actions to be performed based upon whether a NULL value exists in a specified column.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | NVL2 |  |  |  | | --- | |  | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ function is used to round numeric fields to a stated position.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | ROUND |  |  |  | | --- | |  | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ function converts character strings to lower-case letters.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | LOWER |  |  |  | | --- | |  | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The NULLIF function is often combined with the NVL2 function to display a descriptive status. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The YR element can be included in a format argument of the TO\_CHAR function to spell out the year of the specified date. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Results returned from a SELECT statement that include a GROUP BY clause will present the results in descending order of the column(s) listed in the GROUP BY clause. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ function is used to calculate the average of the numeric values in a specified column. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | AVG |  |  |  | | --- | |  | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The MIN function can be used with the DISTINCT or ALL keywords. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If the DISTINCT keyword is not included in the VARIANCE function, the \_\_\_\_ keyword will be assumed. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  ALL | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | AVG, COUNT, and STDDEV are all considered group functions. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ function is used to determine the number of months between two dates.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | MONTHS\_BETWEEN |  |  |  | | --- | |  | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​If a SELECT statement includes SUBSTR(TO\_CHAR(SYSDATE, 'fmMONTH DD, YYYY'), -4, 4) in the SELECT clause, which of these functions will be executed first? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​TO\_CHAR | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following functions can be used to convert a character string to upper-case letters?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correcta.  ​UPPER | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ function is used to round numeric fields to a stated position.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | ROUND |  |  |  | | --- | |  | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | LOWER, UPPER, and INITCAP functions are all character manipulation functions.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following is a valid SQL statement? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  SELECT SUM(quantity\*retail) "Total Sales" FROM orders JOIN orderitems ON orders.order# = orderitems.order# JOIN books ON orderitems ON orderitems.ISBN = books.ISBN WHERE orderdate = '02-APR-03'; | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Results returned from a SELECT statement that include a GROUP BY clause will present the results in descending order of the column(s) listed in the GROUP BY clause. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Contents of the BOOKS table nar001-1.jpg  Based upon the contents of the BOOKS tables, which of the following SQL statements will return the number of different publishers represented in the table? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  SELECT COUNT(DISTINCT pubid) FROM books; | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If a SELECT statement contains HAVING, GROUP BY, and WHERE clauses, the \_\_\_\_ clause will be processed last. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  HAVING | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_ function is based upon the concept of a normal distribution. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  STDDEV | |  |  |  |

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​Which of the following is a table provided in Oracle which can be helpful for testing functions? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctc.  ​DUAL | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | To indicate that the three-letter abbreviation for day of the week should be displayed, include \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the date element format argument.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | DY |  |  |  | | --- | |  | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Including MONTH in the format argument of the TO\_DATE function indicates that the month is spelled out in the specified date. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The DECODE function allows the user to specify different actions to be taken, depending on the value being used for the comparison. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​If a SELECT statement includes SUBSTR(TO\_CHAR(SYSDATE, 'fmMONTH DD, YYYY'), -4, 4) in the SELECT clause, which of these functions will be executed first? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​TO\_CHAR | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | When a SELECT statement contains WHERE, GROUP BY, and HAVING clauses, the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ clause is always evaluated first. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | WHERE |  |  |  | | --- | |  | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_ function is used to calculate the total amount stored in a numeric field. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  SUM | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_ function returns the smallest value in a specified column. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  MIN | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Single-row functions return one result per group of rows processed. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following is a valid statement? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  all of the above | |  |  |  |

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​Which of the following is a table provided in Oracle which can be helpful for testing functions? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctc.  ​DUAL | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ function allows different actions to be performed based upon whether a NULL value exists in a specified column.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | NVL2 |  |  |  | | --- | |  | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​What is the maximum number of columns or character strings that can be combined through a single CONCAT function? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correcta.  ​two | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ function can be used to determine the number of characters in a string.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | LENGTH |  |  |  | | --- | |  | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ date represents the number of days that have passed between a specified date and January 1, 4712, B.C.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | Julian |  |  |  | | --- | |  | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | When a SELECT statement contains WHERE, GROUP BY, and HAVING clauses, the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ clause is always evaluated last. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | HAVING |  |  |  | | --- | |  | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The AVG function can be used with \_\_\_\_ values. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  numeric | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_ function can be used to determine the largest value stored in a specified column. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  MAX | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ function is used to calculate the average of the numeric values in a specified column. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | AVG |  |  |  | | --- | |  | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_ function can be used to determine the number of rows meeting a specific condition. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  COUNT | |  |  |  |

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following functions can be used to convert a character string to lower-case letters?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctb.  ​LOWER | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Contents of the CUSTOMERS table  https://mymasonportal.gmu.edu/courses/1/22163.201810/ppg/cognero/Chapter_10_Selected_Single_Row_Functions/media/1c69c5b7-5f54-4599-9320-e63788d84812.JPEG ​  Note:  The ST column name is truncated, this represents the STATE column.  Which of the following SQL statements will return an error message, based upon the contents of the CUSTOMERS table?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​none of the above | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The format argument in the TO\_CHAR function must be enclosed in double quotation marks. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​If a SELECT statement includes SUBSTR(TO\_CHAR(SYSDATE, 'fmMONTH DD, YYYY'), -4, 4) in the SELECT clause, which of these functions will be executed first? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​TO\_CHAR | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​Which of the following format model elements can be used to spell out a number? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctd.  ​SP | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | When group functions are nested, the inner function is always resolved first. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_ function calculates the standard deviation for a specific set of data. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  STDDEV | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Group functions can be nested inside single-row functions. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If the data returned by the GROUP BY clause needs to be sorted in descending order, you must include a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ clause in the SELECT statement. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | ORDER BY |  |  |  | | --- | |  | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following is a valid statement? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  all of the above | |  |  |  |

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The INSTR function is used to return a portion of a character string.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | To indicate that the three-letter abbreviation for day of the week should be displayed, include \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the date element format argument.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | DY |  |  |  | | --- | |  | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The INITIALCAP function can be used to convert character strings to mixed-case characters.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Case conversion functions can only be used in the SELECT clause of a SELECT statement.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Although the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ table is rarely used in the industry, it can be valuable for someone learning how to work with functions or testing new functions.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | DUAL |  |  |  | | --- | |  | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The COUNT function can be used to count NULL, as well as, non-NULL values. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ clause can be used to restrict rows, but not groups. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | WHERE |  |  |  | | --- | |  | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The VARIANCE function is used to determine the variance in a group of numeric data. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If a SELECT statement contains HAVING, GROUP BY, and WHERE clauses, the \_\_\_\_ clause will be processed last. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  HAVING | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Functions that return one result per group of rows are called \_\_\_\_ functions. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  all of the above | |  |  |  |

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​Which of the following format elements can be used to display the three-letter abbreviation for Wednesday? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correcta.  ​DY | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​Which of the following functions will truncate a numeric value to a specific position? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctb.  ​TRUNC | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The SUBSTR function is used to return a portion of a character string. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Contents of the CUSTOMERS table  https://mymasonportal.gmu.edu/courses/1/22163.201810/ppg/cognero/Chapter_10_Selected_Single_Row_Functions/media/1c69c5b7-5f54-4599-9320-e63788d84812.JPEG ​  Note:  The ST column name is truncated, this represents the STATE column.  ​Which of the following will display the name of each customer in lower-case characters based upon the contents of the CUSTOMERS table? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctb.  ​SELECT LOWER(firstname) || ' ' || LOWER(lastname) FROM customers; | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a predefined block of code that accepts one or more arguments and returns a single value as output. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | function |  |  |  | | --- | |  | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Contents of the BOOKS table nar001-1.jpg  Based upon the contents of the BOOKS tables, which of the following SQL statements will return the number of different publishers represented in the table? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  SELECT COUNT(DISTINCT pubid) FROM books; | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ clause is used to group data based upon a specified column or columns. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: |  |  |  |  |  | | --- | --- | --- | | **Evaluation Method** | **Correct Answer** | **Case Sensitivity** | | Correct*Exact Match* | GROUP BY |  |  |  | | --- | |  | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A SELECT statement cannot include both a GROUP BY and an ORDER BY clause. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | A(n) \_\_\_\_ clause cannot include a group function. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  WHERE | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_ function calculates the average of the numeric values in a specified column. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  AVG | |  |  |  |

* **Question 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​The TO\_CHAR function can be used to format what types of data? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctb.  ​numeric and date | |  |  |  |

* **Question 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Which of the following functions can be used to convert a character string to lower-case letters?​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correctb.  ​LOWER | |  |  |  |

* **Question 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | ​Which of the following format argument elements indicates that the name of the day of the week for the specified date should be displayed? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correcta.  ​DAY | |  |  |  |

* **Question 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | When functions are nested, the outer function is solved or executed first.​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The NULLIF function is often combined with the NVL2 function to display a descriptive status. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_​ |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The optional DISTINCT keyword instructs Oracle11g to include only unique numeric values in the calculation. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Group functions return one result per group of rows processed. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct True | |  |  |  |

* **Question 8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If the output is to be restricted based upon a group function, a(n) \_\_\_\_ clause must be included in the SQL statement. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  HAVING | |  |  |  |

* **Question 9**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | If a group function is used in the WHERE clause, then any individual columns listed in the SELECT clause must also be listed in the GROUP BY clause. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct False | |  |  |  |

* **Question 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_ function can be used to include NULL values in a calculation. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Incorrect [None Given] | | Correct Answer: | Correct  NVL | |  |  |  |