✓ **Congratulations! You passed!**
TO PASS 80% or higher

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Module 5 Graded Quiz

LATEST SUBMISSION GRADE

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1. A big part of working with COBOL data in a modern context is converting our mainframe data to relational data sources.

[1 / 1 point]

- ⦿ True
- ◯ False

✓ **Correct**
Correct, a big part of working with COBOL data in a modern context is converting our mainframe data to relational data sources.

---

2. Mainframe data provides this type of structure and access to the data.

[1 / 1 point]

- ⦿ Hierarchic
- ◯ Flat
- ◯ On-prem

✓ **Correct**
Correct, mainframe data provides a hierarchic structure and access to the data.

---

3. This type of statement is used to query data in a relational data source.

[1 / 1 point]

SQL

✓ **Correct**
Correct, a SQL statement is used to query data in a relational data source.

---

4. This is a relational database management system from IBM?

[1 / 1 point]

Db2

✓ **Correct**
Correct, Db2 is a database product from IBM.

---

5. WhenDb2executes an SQL statement, it returns information about the statement execution.

[1 / 1 point]

- ⦿ True
- ◯ False

✓ **Correct**
Correct, whenDb2executes an SQL statement, it returns information about the statement execution.

---

6. Which of the following are characteristics of a Db2, z/OS environment (select all that apply)?

[1 / 1 point]

- ☑ Scalable and open

✓ **Correct**
Correct, an IBM Db2 and z/OS environment is highly secure, scalable, and open, offers high-performance that supports a diverse application execution environment.

- ☑ Highly secure

✓ **Correct**

Correct, an IBM Db2 and z/OS environment is highly secure, scalable, and open, offers high-performance that supports a diverse application execution environment.

☑ Supports a diverse application execution environment

✓ **Correct**

Correct, an IBM Db2 and z/OS environment is highly secure, scalable, and open, offers high-performance that supports a diverse application execution environment.

☑ High-performance

✓ **Correct**

Correct, an IBM Db2 and z/OS environment is highly secure, scalable, and open, offers high-performance that supports a diverse application execution environment.

---

7. The z/OS operating system is based on 32-bit z/Architecture

`1 / 1 point`

⦿ True

◯ False

✓ **Correct**

False, revisit the Fundamentals of Db2 lesson to learn the z/OS operating system is based on 64-bit z/Architecture

---

8. This mainframe extension free downloadable extension provides SQL support to a modern and widely adopted IDE.

`1 / 1 point`

⦿ IBM Db2 for z/OS Developer Extension

◯ IBM RDBMS for Developers

◯ IBM Dimensional Modeling for Developers

✓ **Correct**

Correct, IBM Db2 for z/OS Developer Extension is a free downloadable extension that provides SQL language support to a modern and widely adopted IDE.

---

9. There's nothing specific about Db2 SQL.

`1 / 1 point`

⦿ True

◯ False

✓ **Correct**

Incorrect, revisit the Fundamentals of Db2 lesson to learn specific tweaks required for Db2 SQL.

---

10. There are shorthand tweaks that can be applied to SQL statement to "coerce" the optimizer to make specific decisions.

`1 / 1 point`

⦿ True

◯ False

✓ **Correct**

Correct, there are shorthand tweaks that can be applied to SQL statement to "coerce" the optimizer to make specific decisions.

---

11. Which of the following are available COBOL data interfaces (select all that apply)?

`1 / 1 point`

☑ Host Variables

✓ **Correct**

Correct, the following are available COBOL data interfaces:

- Embedded SQL
- DB2 Application Programming
- Host Variables
- SQLCA
- SQL Queries
- Cursors

☑ SQLCA

☑ SQL...

✓ **Correct**

Correct, the following are available COBOL data interfaces:

- Embedded SQL
- DB2 Application Programming
- Host Variables
- SQLCA
- SQL Queries
- Cursors

☑ SQL Queries

✓ **Correct**

Correct, the following are available COBOL data interfaces:

- Embedded SQL
- DB2 Application Programming
- Host Variables
- SQLCA
- SQL Queries
- Cursors

☑ DB2 Application Programming

✓ **Correct**

Correct, the following are available COBOL data interfaces:

- Embedded SQL
- DB2 Application Programming
- Host Variables
- SQLCA
- SQL Queries
- Cursors

☑ Embedded SQL

✓ **Correct**

Correct, the following are available COBOL data interfaces:

- Embedded SQL
- DB2 Application Programming
- Host Variables
- SQLCA
- SQL Queries
- Cursors

☑ Cursors

✓ **Correct**

Correct, the following are available COBOL data interfaces:

- Embedded SQL
- DB2 Application Programming
- Host Variables
- SQLCA
- SQL Queries
- Cursors

12. By default, all COBOL programs support embedded SQL.

1 / 1 point

○ True

◉ False

✓ **Correct**

Correct, before you can use the SQL statements, you must set up and enable your application to support embedded SQL.

13. These are COBOL language variables that are referenced within SQL statements.   **1 / 1 point**

   ◯ Binary variables

   ⦿ Host variables

   ◯ Obscured variables

> ✓ **Correct**
> Correct, host variables are COBOL language variables that are referenced within SQL statements.

14. A SQLCA is a collection of variables that is updated at the end of the execution of every what?   **1 / 1 point**

   ◯ Relational data query

   ⦿ SQL statement

   ◯ Multidimensional expression

> ✓ **Correct**
> Correct, a SQLCA is a collection of variables that is updated at the end of the execution of every SQL statement.

15. When you use a cursor, the program can retrieve each row sequentially from the results table until end-of-data.   **1 / 1 point**

   ⦿ True

   ◯ False

> ✓ **Correct**
> Correct, when you use a cursor, the program can retrieve each row sequentially from the results table until end-of-data.