

Practice Exam Questions

The IBM logo, consisting of the letters 'IBM' in a blue, horizontally-striped font.

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A teal EKG (heart rate) line that starts with a sharp peak, followed by a horizontal line. Below the horizontal line, the text 'C2090-616' is written in a teal, sans-serif font.

DB2 11.1 Fundamentals for LUW



EXAMAIDES

PASS YOUR EXAM AT FIRST TRY

Total Question: 63 QAs

Question No: 1

Which edition of DB2 LUW has been discontinued in v11.1?

- A. DB2 Developer Edition
- B. DB2 Express Server Edition
- C. DB2 Enterprise Server Edition
- D. DB2 Connect Enterprise Server Edition

Answer: B

Question No: 2

Which constraint can be used to ensure that identical values are never stored in a set of columns in a table?

- A. NOT NULL
- B. Foreign key
- C. Primary key
- D. Informational constraint

Answer: C

Question No: 3

What happens when you run the following statement if MYUSER holds no privileges on table MYTABLE?

```
REVOKE SELECT ON TABLE mytable FROM USER myuser
```

- A. An error is returned
- B. An entry is made in SYSCAT.TABAUTH
- C. The REVOKE statement succeeds with no effect
- D. All privileges are granted to user MYUSER on MYTABLE

Answer: C

Question No: 4

Below are the SQL statements a DBA is planning to execute on a database:

```
CREATE TABLE t1 (name VARCHAR (1));
```

```
INSERT INTO t1 VALUES ('A'), ('B'), ('C'), ('D');
```

```
ALTER TABLE t1 ALTER COLUMN name SET DATA TYPE INT;
```

What will be the outcome of the last statement?

- A. The statement will fail due to variable length character error
- B. The statement will fail due to an incompatible data type error
- C. The statement will execute successfully and it deletes the character data
- D. The statement will execute successfully and it internally converts the character data into ASCII numbers

Answer: C

Question No: 5

Which DB2 product required to allow connections from DB2 LUW to DB2 on z/OS?

- A. DB2 Connect
- B. DB2 Runtime Client

- C. DB2 Data Server Client
- D. DB2 Enterprise Server Edition

Answer: A

Question No: 6

What of the following is TRUE about triggers?

- A. Triggers are activated by INSERT, UPDATE, DELETE and SELECT statements
- B. Triggers can be used to perform data manipulation operations against complex views
- C. Triggers can only be used to execute logic before or after appropriate SQL statements
- D. Only one trigger for a particular event and activation time can be created for a particular table

Answer: A

Question No: 7

Which of the following statements about triggers are TRUE? (Choose two.)

- A. There is a limit of 8 for the maximum number of cascading trigger activations
- B. Triggers can be activated as a result of changes due to referential constraint enforcement
- C. Multiple INSTEAD OF triggers are allowed for each kind of operation on a given subject view
- D. Constraints associated with a subject table are applied between execution of BEFORE and AFTER triggers
- E. The activation of the triggers for a particular table, event and activation time are conducted in descending order of trigger creation time

Answer: B,D

Question No: 8

Which of the following set operators can be used to find all rows that are common in 2 queries?

- A. UNION
- B. UNION ALL
- C. EXCEPT ALL
- D. INTERSECT ALL

Answer: B

Question No: 9

Which of the following is TRUE about indexes on column organized tables?

- A. No indexes are allowed
- B. Indexes are only allowed on numeric columns
- C. Indexes are automatically created to enforce unique constraints
- D. An index is only allowed on the synopsis table supporting a column organized table

Answer: A

Question No: 10

Which of the following commands can undo the work done by the current unit of work executing UPDATE statements on a table?

- A. COMMIT
- B. SAVEPOINT
- C. ROLLBACK WORK

D. UPDATE TERMINATE

Answer: C

Question No: 11

What type of function is created using the following command?

```
CREATE FUNCTION TAN (X DOUBLE)
```

```
RETURNS DOUBLE
```

```
LANGUAGE SQL
```

```
CONTAINS SQL
```

```
NO EXTERNAL ACTION
```

```
DETERMINISTIC
```

```
RETURN SIN(X)/COS(X)
```

A. Row

B. Table

C. Scalar

D. External

Answer: C

Question No: 12

Which of the following compatibility features is always active, regardless of the settings for the DB2_COMPATIBILITY_VECTOR registry variable or the SQL_COMPAT global variable?

A. Implicit casting

B. Double-dot notation

C. Use of bitmap indexes

D. Selecting from the DUAL table

Answer: D

Question No: 13

You are asked to provide a recommendation for the appropriate DB2 edition for a new application. The application is characterized by long, complex queries that select a subset of columns and often perform grouping and aggregation. The initial database size is estimated at 5 TB, with growth of about 100 GB per year. Keep data size on disk to a minimum is a priority?

Which of the following editions would be best meet the described needs?

A. DB2 Express-C

B. DB2 Enterprise Server Edition

C. DB2 Workgroup Server Edition

D. DB2 Advanced Enterprise Server Edition

Answer: D

Question No: 14

Which three facilities are used to control authorization in DB2?

A. privileges, db2ssh, LBAC credentials

B. privileges, authority levels, certificates

C. db2ssh, trusted contexts, authority levels

D. privileges, authority levels, LBAC credentials

Answer: D

Question No: 15

Which of the following SQL statements will remove all rows from the table T1? (Choose two.)

A. DELETE FROM t1

B. DELETE* FROM t1

C. DELETE* TABLE t1

D. TRUNCATE TABLE t1 IMMEDIATE

E. TRUNCATE TABLE t1

Answer: A,B

Question No: 16

Which database object can be locked explicitly?

A. Row

B. View

C. Index

D. Table

Answer: D

Question No: 17

What is the purpose of a role?

A. To define exactly what a specific user can and cannot do within a particular database once they have been authenticated

B. To group a collection of users together so that they can be simultaneously granted and revoked specific authorities and privileges

C. To group a collection of privileges together so that they can be simultaneously granted to and revoked from multiple users, groups, or other roles

D. To assign one or more users that need to run local DB2 applications and tools on a particular server to the DB2ADMNS or the DB2USERS group

Answer: A

Question No: 18

Shadow tables are a special kind of Materialized Query Table, but what makes them different? (Choose two.)

A. Shadow tables cannot be queried directly

B. Shadow tables do not store their data on disk

C. Shadow tables must be organized by column

D. Shadow tables must be maintained by replication

E. You cannot join shadow tables to other kinds of tables

Answer: C,D

Question No: 19

Which isolation level will allow application A to immediately read the committed value of a row that is exclusively locked by application B?