



Exam Code: 000-730

Exam Name: DB2 9 Fundamentals

Vendor: IBM

Version: DEMO

Part: A

1: A user invoking a user-defined function requires which DB2 privilege?

- A.CALL
- B.USAGE
- C.EXECUTE
- D.REFERENCES

Correct Answers: C

2: Which of the following statements is used to prevent user TOM from adding and deleting data in table TAB1?

- A.REVOKE ADD, DELETE FROM USER tom ON TABLE tab1
- B.REVOKE ADD, DELETE ON TABLE tab1 FROM USER tom
- C.REVOKE INSERT, DELETE FROM USER tom ON TABLE tab1
- D.REVOKE INSERT, DELETE ON TABLE tab1 FROM USER tom

Correct Answers: D

3: Which of the following privileges permits a user to update the comment on a sequence?

- A.CONTROL
- B.UPDATE
- C.USAGE
- D.ALTER

Correct Answers: D

4: Which of the following statements is used to revoke all DML privileges on table EMPLOYEE from user TOM?

- A.REVOKE ALL PRIVILEGES FROM USER tom
- B.REVOKE ALL ON EMPLOYEE FROM USER tom
- C.REVOKE EXECUTE ON EMPLOYEE FROM USER tom
- D.REVOKE PRIVILEGES ON EMPLOYEE FROM USER tom

Correct Answers: B

5: What is the lowest privilege and/or authority required to execute the following SQL statement?

```
CREATE VIEW view1 AS
    SELECT * FROM table1
    WHERE STATE = 'TX'
```

- A.DBADM authority
- B.SYSADM authority
- C.SELECT privilege on TABLE1
- D.REFERENCES privilege on TABLE1

Correct Answers: C

6: Which of the following statements allows BOB to revoke access to the SAMPLE database from user TOM?

- A.REVOKE ACCESS ON DATABASE FROM USER bob
- B.REVOKE CONNECT ON DATABASE FROM USER tom
- C.REVOKE tom FROM ACCESS ON DATABASE BY USER bob
- D.REVOKE tom FROM CONNECT ON DATABASE BY USER bob

Correct Answers: B

7: When a client using the SERVER_ENCRYPT authentication type connects to a server using the SERVER authentication type, what happens?

- A.An error will occur.
- B.Data passed between the client and the server is encrypted.
- C.User IDs and passwords are passed to the server unencrypted.
- D.User IDs and passwords are encrypted before they are passed to the server.

Correct Answers: A

8: A programmer wants to generate values for a numeric ID column in their EXPENSE table. The ID column values need to be incremented by 1000 for each new expense report added to the EXPENSE table. Which DB2 object can be referenced by an INSERT statement to meet this requirement?

- A.Sequence
- B.Table Function
- C.Identity Column
- D.INSTEAD OF Trigger

Correct Answers: A

9: The following SQL statements were executed in sequence:

```
CREATE DISTINCT TYPE salary AS decimal(7,2) WITH COMPARISONS;
CREATE TABLE staffsalary(empid INT, empsalary salary);
INSERT INTO staffsalary VALUES (10, 50000), (20, 50000.00);
UPDATE staffsalary SET empsalary = 60000
    WHERE salary(50000) = empsalary;
```

What is the current content of the staffsalary table?

- A.ID | EMPSALARY ----- 10 | 60000 20 | 50000.00 -----
- B.ID | EMPSALARY ----- 10 | 50000.00 20 | 50000.00 -----
- C.ID | EMPSALARY ----- 10 | 60000.00 20 | 60000.00 -----
- D.ID | EMPSALARY ----- 10 | 60000.00 20 | 50000.00 -----

Correct Answers: C

10: Which of the following provides a logical grouping of database objects?

- A.View
- B.Table
- C.Schema
- D.Buffer pool

Correct Answers: C

11: Given the following DDL for the PARTS table:

```
CREATE TABLE parts
  (part_no      INT(9) NOT NULL,
   part_name    VARCHAR(24),
   part_remain  INT(9));
```

All part numbers entered will be different and all rows should be displayed in order of increasing part numbers whenever the table is queried. Which of the following create index statements will meet this criteria and require the least amount of storage for the index object?

- A.CREATE UNIQUE INDEX idx_partno ON parts(part_no)
- B.CREATE UNIQUE INDEX idx_partno ON parts(part_name ASC)
- C.CREATE UNIQUE INDEX idx_partno ON parts(part_name, part_no ASC)
- D.CREATE UNIQUE INDEX idx_partno ON parts(part_no, part_name ASC)

Correct Answers: A

12: Which of the following is a characteristic of a sequence?

- A.A sequence will never generate duplicate values.
- B.The MAXVALUE of a sequence can be equal to the MINVALUE.
- C.It is not possible to create a sequence that generates a constant since the INCREMENT value must be greater than zero.
- D.When a sequence cycles back to either the MAXVALUE or MINVALUE, it will always be equal to the specified value of either of these two boundaries.

Correct Answers: B

13: A sequence was created with the DDL statement shown below:

```
CREATE SEQUENCE my_sequence CACHE 10 ORDER
```

The following statements are successfully executed in sequence through separate database connections:

```
CONNECTION1 - VALUES NEXT VALUE FOR my_sequence INTO :con1hvar
CONNECTION2 - VALUES NEXT VALUE FOR my_sequence INTO :con2hvar
CONNECTION1 - VALUES NEXT VALUE FOR my_sequence INTO :con1hvar
```

What is the current value of the :con1hvar host variable?

- A.2
- B.3
- C.11
- D.30

Correct Answers: B

14: A sequence was created with the DDL statement shown below:

```
CREATE SEQUENCE my_seq START WITH 5 INCREMENT BY 5 CACHE 5
```

User1 successfully executes the following statements in Connection1:

```
VALUES NEXT VALUE FOR my_seq INTO :con1hvar
VALUES NEXT VALUE FOR my_seq INTO :con1hvar
```

User2 successfully executes the following statement in Connection2:

```
VALUES NEXT VALUE FOR my_seq INTO :con2hvar
```

After User1 & User2 are finished, User3 executes the following statement in Connection3:

```
SELECT NEXT VALUE FOR my_seq FROM sysibm.sysdummy1
```

Which value will be returned by the query?

- A.20
- B.25
- C.50
- D.55

Correct Answers: D

15: An Alias can be an alternate name for which DB2 object?

- A.Sequence
- B.Trigger
- C.Schema
- D.View

Correct Answers: D

16: Which of the following objects contains control structures that are considered the bound form of SQL statements?

- A.UDT
- B.Trigger
- C.Package
- D.Access plan

Correct Answers: C

17: Which of the following commands is used to retrieve database names from the local catalog for DRDA host databases on System i and System z?

- A.LIST DB DIRECTORY
- B.LIST DCS DIRECTORY
- C.LIST NODE DIRECTORY
- D.LIST ACTIVE DATABASES

Correct Answers: B

18: Which of the following are types of routine objects?

- A.Package and function
- B.Function and userexit
- C.Procedure and package
- D.Function and procedure

Correct Answers: D

19: A stored procedure object is created into which DB2 object?

- A.Alias
- B.Schema
- C.Package
- D.Routine Space

Correct Answers: B

20: Which of the following will be a consequence of defining the column IDCOL2 in TABLE2 as a foreign key referencing the primary key (IDCOL1) of TABLE1?

A.DB2 will no longer allow updating the value of IDCOL1 in TABLE1.

B.When inserting a row in TABLE2, the only values that DB2 will allow for IDCOL2 are the existing values of IDCOL1.

C.When inserting a row in TABLE2, DB2 will only allow foreign values for IDCOL2, that is values which do not exist in IDCOL1.

D.When a SELECT statement joins TABLE1 with TABLE2, DB2 will automatically add the condition TABLE1.IDCOL1=TABLE2.IDCOL2 if not specified in the statement.

Correct Answers: B