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**Exam : 000-700**

**Title : DB2 UDB V8.1 Family Fundamentals**

**Ver : 06.27.06**

**QUESTION 1**

At a minimum, which of the following products must be installed to provide a single point of control through the Control Center for local and remote DB2 data sources?

- A. DB2 Administration Client
- B. DB2 Runtime Client
- C. DB2 Connect Enterprise Edition
- D. DB2 Enterprise Server Edition

Answer: A

---

**QUESTION 2**

Assuming the proper privileges, which two of the following would allow access to data in a table T1 using the name A1?

- A. CREATE INDEX a1 ON t1 (col1)
- B. CREATE ALIAS a1 FOR t1
- C. CREATE TRIGGER trig1 AFTER INSERT ON t1 FOR EACH ROW MODE DB2SQL INSERT INTO a1
- D. CREATE TABLE a1 LIKE t1
- E. CREATE VIEW a1 AS SELECT \* FROM t1

Answer: B,E

---

**QUESTION 3**

Which of the following DB2 data types CANNOT be used to contain the date an employee was hired?

- A. TIMESTAMP
- B. VARCHAR
- C. TIME
- D. CLOB

Answer: C

---

**QUESTION 4**

Which of the following occurs if an application ends abnormally during an active unit of work?

- A. The unit of work moves to pending state
- B. The unit of work moves to CHECK\_PENDING
- C. The unit of work is rolled back
- D. The unit of work remains active

Answer: C

**QUESTION 5**

To set up a client that can access DB2 UDB through DB2 Connect Enterprise Edition, which of the following is the minimum software client that must be installed?

- A. DB2 Personal Edition
- B. DB2 Application Development Client
- C. DB2 Runtime Client
- D. DB2 Administration Client

Answer: C

---

**QUESTION 6**

Given the statement:

```
CREATE TABLE t1  
( c1 CHAR(3)  
CONSTRAINT c1  
CHECK (c1 IN ('A01','B01','C01')) )
```

DB2 verifies that the table check constraint is met during which of the following actions?

- A. Updating any row in the table.
- B. Adding an insert trigger to the table.
- C. Reorganizing the table.
- D. Creating a unique index for the table.

Answer: A

---

**QUESTION 7**

A stored procedure has been created with the following statement:

```
CREATE PROCEDURE P1(IN VAR1 VARCHAR(10), INOUT VAR2 VARCHAR(10),  
OUT VAR3 INT)...
```

From the command line processor (CLP), which of the following is the correct way to call this procedure?

- A. Call P1("DB2",?,?)
- B. Call P1(?,?,?)
- C. Call P1('DB2','DB2',?)
- D. Call P1("DB2","DB2",?)

Answer: C

---

**QUESTION 8**

Given the two following tables:

Tablename: NAMES

Name Number

Wayne Gretzky 99

Jaromir Jagr 68  
Bobby Orr 4  
Bobby Hull 23  
Brett Hull 16  
Mario Lemieux 66  
Steve Yzerman 19  
Claude Lemieux 19  
Mark Messier 11  
Mats Sundin 13  
Tablename: POINTS  
Name Points  
Wayne Gretzky 244  
Jaromir Jagr 168  
Bobby Orr 129  
Bobby Hull 93  
Brett Hull 121  
Mario Lemieux 189  
Joe Sakic 94

Which of the following statements will display the player's name, number and points for all players with an entry in both tables?

- A. SELECT names.name, names.number, points.points  
FROM names RIGHT OUTER JOIN points ON names.name=points.name
- B. SELECT names.name, names.number, points.points  
FROM names INNER JOIN points ON names.name=points.name
- C. SELECT names.name, names.number, points.points  
FROM names LEFT OUTER JOIN points ON names.name=points.name
- D. SELECT names.name, names.number, points.points  
FROM names FULL OUTER JOIN points ON names.name=points.name

Answer: B

---

**QUESTION 9**

Assuming the database has no distinct types, which of the following is an invalid data type on CREATE TABLE?

- A. CLOB
- B. DATETIME
- C. NUMERIC
- D. DOUBLE

Answer: B

---

**QUESTION 10**

To catalog a TCP/IP database connection to a remote DB2 server, which of the following pieces of information is needed?

- A. Password
- B. Authorization-id
- C. Hostname
- D. Operating system version

Answer: C

---

**QUESTION 11**

A table contains a list of all seats on an airplane. A seat consists of a seat number and whether or not it is assigned. An airline agent lists all the unassigned seats on the plane. When the agent refreshes the list from the table, the list should not change. Which of the following isolation levels should be used for this application?

- A. Read Stability
- B. Uncommitted Read
- C. Repeatable Read
- D. Cursor Stability

Answer: C

---

**QUESTION 12**

Given the following statements from two embedded SQL programs:

Program 1:

```
CREATE TABLE mytab (col1 INT, col2 CHAR(24))  
COMMIT
```

Program 2:

```
INSERT INTO mytab VALUES ( 20989,'Joe Smith')  
INSERT INTO mytab VALUES ( 21334,'Amy Johnson')  
COMMIT  
DELETE FROM mytab  
ROLLBACK  
INSERT INTO mytab VALUES ( 23430,'Jason French')  
ROLLBACK  
INSERT INTO mytab VALUES ( 20993,'Samantha Jones')  
COMMIT  
ROLLBACK  
DELETE FROM mytab WHERE col1=20993  
ROLLBACK
```

Assuming Program 1 ran to completion and then Program 2 ran to completion, how many records will be returned by executing the following statement?

```
SELECT * FROM mytab
```

- A. 2
- B. 3
- C. 1

- D. 0
- E. 4

Answer: B

---

**QUESTION 13**

Given the following UPDATE statement:

```
UPDATE address_new SET house_building=  
(SELECT building FROM address_old  
WHERE address_new.id = address_old.id)  
WHERE house_building IS NULL
```

Which of the following describes the result of the statement?

- A. The statement will succeed.
- B. The statement will succeed only if ADDRESS\_OLD.ID and ADDRESS\_NEW.ID are defined as primary keys.
- C. The statement will succeed only if the data retrieved from the subquery does not have duplicate values for ADDRESS\_OLD.ID.
- D. The statement will fail because a subquery cannot exist in an UPDATE statement.

Answer: C

---

**QUESTION 14**

Table T1 should only allow values of 1, 2, and 3 in column C1. Which of the following will cause the database manager to enforce this business requirement?

- A. Check constraint on C1
- B. Create a User Defined Function (UDF) on T1
- C. View WITH CASCADED CHECK OPTION on T1
- D. Update permission on C1

Answer: A

---

**QUESTION 15**

Given the following DDL statement:

```
CREATE TABLE newtab1 LIKE tab1
```

Which of the following would occur as a result of the statement execution?

- A. NEWTAB1 would have the same column names, attributes, and referential integrity as TAB1
- B. NEWTAB1 would have the same column names and attributes as TAB1
- C. NEWTAB1 would have the same column names, attributes, indexes, and constraints as TAB1
- D. NEWTAB1 would have the same column names, attributes, and data as TAB1

Answer: B

**QUESTION 16**

A user wants to store a numeric with a maximum value of 100,000. Which of the following data types will allow the user to store these values while using the least amount of storage?

- A. INTEGER
- B. SMALLINT
- C. BIGINT
- D. IDENTITY

Answer: A

---

**QUESTION 17**

Which of the following tools can be used to identify inefficient SQL statements without executing them?

- A. Development Center
- B. Visual Explain
- C. Task Center
- D. QMF

Answer: B

---

**QUESTION 18**

Which of the following tools is used to create subscription sets and add subscription-set members to subscription sets?

- A. Replication Center
- B. License Center
- C. Journal
- D. Development Center

Answer: A

---

**QUESTION 19**

Which two of the following result from a successful ROLLBACK statement?

- A. The current unit of work is restarted.
- B. Tables in LOAD PENDING for the current unit of work are released.
- C. Existing database connections are released.
- D. Locks held by the current unit of work are released.
- E. Changes made by the current unit of work since the last COMMIT point are undone.

Answer: D,E

---

**QUESTION 20**

Given the following two tables:

TAB1 TAB2  
C1 C2 CX CY

-----  
A 11 A 21  
B 12 C 22  
C 13 D 23

The following results are desired:

C1 C2 CX CY

-----  
A 11 A 21  
B 12 - -  
C 13 C 22

Which of the following joins will yield the desired results?

- A. SELECT \* FROM tab2 LEFT OUTER JOIN tab1 ON c1=cx
- B. SELECT \* FROM tab1 INNER JOIN tab2 ON c1=cx
- C. SELECT \* FROM tab2 FULL OUTER JOIN tab1 ON c1=cx
- D. SELECT \* FROM tab1 LEFT OUTER JOIN tab2 ON c1=cx

Answer: D

---

**QUESTION 21**

Given the following SQL statement:

GRANT INDEX, REFERENCES (col1) ON TABLE tab1 TO USER usera

Which of the following identifies what USERA is allowed to do?

- A. Define an index on TAB1 and a parent key that points to COL1.
- B. Define an index on TAB1 and a foreign key that points to COL1.
- C. Define a foreign key and unique constraint on TAB1.
- D. Define a primary key and unique constraint on TAB1.

Answer: B

---

**QUESTION 22**

Which of the following tools maintains a history of all executed statements/commands for the current session within the tool?

- A. SQL Assist
- B. Command Center
- C. Health Center
- D. Control Center

Answer: B

---

**QUESTION 23**

Which two of the following can be done using the ALTER TABLE statement?

- A. Add an INTEGER column.
- B. Define an index.
- C. Drop a table alias.
- D. Define a unique constraint.
- E. Add a trigger.

Answer: A,D

---

**QUESTION 24**

Given the following information:

```
CREATE TABLE tab4 (c1 CHAR(4), c2 INTEGER)
```

```
INSERT INTO tab4 VALUES ('123',345)
```

```
UPDATE tab4 SET (c1, c2) = ('NULL',0)
```

What will be the result of the following statement if issued in the Command Line Processor? `SELECT * FROM tab4;`

A. C1 C2

-----

1 record(s) selected.

B. C1 C2

-----

123 0

1 record(s) selected.

C. C1 C2

-----

123 345

1 record(s) selected.

D. C1 C2D.C1 C2D.C1 C2

-----

NULL 0

1 record(s) selected.

Answer: D

---

**QUESTION 25**

Given that table T1 has defined on it a primary key, three foreign keys, four indexes, two check constraints, three views, and an alias. The following CREATE TABLE statement executed successfully:

```
CREATE TABLE a1 LIKE TABLE t1
```

Which two of the following statements describe how table A1 is created?

- A. Indexes of the same description as those on table T1 were automatically created on table A1.

- B. Table A1 contains columns of the same names, data types and null characteristics as table T1.
- C. The primary key definition on table T1 was copied to table A1.
- D. None of the keys, indexes, check constraints, views, or the alias was copied to table A1.
- E. Check constraints on table T1 were copied to table A1.

Answer: B,D

---

**QUESTION 26**

A unit of work is using an isolation level of Cursor Stability, and allows scanning through the table more than once within the unit of work. Which of the following can occur during processing of this unit of work?

- A. It can update uncommitted changes made by other transactions.
- B. The rows that it has accessed can be changed by other transactions from one scan to the next.
- C. It can access uncommitted changes made by other transactions.
- D. The rows that it has updated can be changed by other transactions from one scan to the next.

Answer: B

---

**QUESTION 27**

Which of the following tools is used to create and build stored procedures?

- A. Development Center
- B. Task Center
- C. Replication Center
- D. SQL Assist

Answer: A

---

**QUESTION 28**

For which of the following database objects can locks be explicitly obtained?

- A. User-defined Data Type
- B. Columns
- C. Trigger
- D. Table

Answer: D

---

**QUESTION 29**

Which of the following will grant just DML operations on table T.T4 to all users?

- A. GRANT ALL PRIVILEGES ON t.t4 TO PUBLIC
- B. GRANT ALL PRIVILEGES ON t.t4 TO ALL USERS
- C. GRANT SELECT, INSERT, UPDATE, DELETE ON TABLE t.t4 TO PUBLIC
- D. GRANT SELECT, INSERT, UPDATE, DELETE ON TABLE t.t4 TO ALL USERS

Answer: C

---

**QUESTION 30**

Given table EMPLOYEE with columns EMPNO and SALARY, and table JOB with columns ID and TITLE, what is the effect of the following statement?

```
UPDATE employee SET salary = salary * 1.15
```

```
WHERE salary < 15000 OR
```

```
EXISTS (SELECT 1 FROM job WHERE job.id = employee.empno AND job.title = 'MANAGER')
```

- A. Employees who are not managers and who make less than 15,000 are given salary increases.
- B. Employees who make less than 15,000 and all managers are given salary increases.
- C. Only employees who are not managers or make less than 15,000 are given salary increases.
- D. Only employees who are managers that make less than 15,000 are given salary increases.

Answer: B

---

**QUESTION 31**

For which of the following database objects can locks be obtained?

- A. A sequence
- B. A function
- C. A row
- D. A column

Answer: C

---

**QUESTION 32**

Given the following SQL statement:

```
GRANT REFERENCES ON TABLE tab1 TO USER usera
```

Which of the following describes what USERA is allowed to do?

- A. Define a dependent table where TAB1 is the parent.
- B. Create a read-only view using TAB1.
- C. Define a primary key or unique constraint on TAB1.
- D. Alter TAB1 to add a check constraint.

Answer: A

**QUESTION 33**

A client application on OS/390 or OS/400 must access a DB2 server on Windows. At a minimum, which of the following products is required to be on the DB2 server?

- A. DB2 Connect Enterprise Edition
- B. DB2 Personal Edition
- C. DB2 Connect Enterprise Edition and DB2 UDB Enterprise Server Edition
- D. DB2 UDB Workgroup Server Edition

Answer: D

---

**QUESTION 34**

Given the following information:

```
CREATE TABLE tab1 (c1 CHAR(4), c2 INTEGER)
```

```
INSERT INTO tab1 VALUES ('123',345)
```

```
UPDATE tab1 SET (c1, c2) = (NULL,0)
```

What will be the result of the following statement if issued in the Command Line Processor?

```
SELECT * FROM tab1;
```

- A. C1 C2

-----

```
123 345
```

```
1 record(s) selected.
```

- B. C1 C2

-----

```
123 0
```

```
1 record(s) selected.
```

- C. C1 C2

-----

```
1 record(s) selected.
```

- D. C1 C2

-----

```
NULL 0
```

```
1 record(s) selected.
```

Answer: C

---

**QUESTION 35**

Which of the following extenders allows data to be presented in a three-dimensional format?

- A. DB2 XML Extender
- B. DB2 Spatial Extender
- C. DB2 Text Extender

D. DB2 AVI Extender

Answer: B

---

**QUESTION 36**

A client application on OS/390 or OS/400 must access a DB2 server on AIX. At a minimum, which of the following products is required to provide DRDA Application Server functionality on the DB2 server for AIX?

- A. DB2 Connect Enterprise Edition
- B. DB2 UDB Workgroup Server Edition
- C. DB2 Connect Enterprise Edition and DB2 UDB Enterprise Server Edition
- D. DB2 Connect Enterprise Edition and DB2 UDB Workgroup Server Edition

Answer: B

---

**QUESTION 37**

Which of the following is used to build and manage a heterogeneous Data Warehouse environment?

- A. Control Center
- B. Workload Manager
- C. DB2 Warehouse Manager
- D. DataJoiner

Answer: C

---

**QUESTION 38**

Given the following statements from two embedded SQL programs:

Program 1:

```
CREATE TABLE mytab (col1 INT, col2 CHAR(24))  
COMMIT
```

Program 2:

```
INSERT INTO mytab VALUES( 20989,'Joe Smith')  
COMMIT  
INSERT INTO mytab VALUES( 21334,'Amy Johnson')  
DELETE FROM mytab  
COMMIT  
INSERT INTO mytab VALUES( 23430,'Jason French')  
ROLLBACK  
INSERT INTO mytab VALUES( 20993,'Samantha Jones')  
COMMIT  
DELETE FROM mytab WHERE col1=20993  
ROLLBACK
```

Assuming Program 1 ran to completion and then Program 2 ran to completion, which of the following records would be returned by the statement:

SELECT \* FROM mytab?

- A. 20993, Samantha Jones
- B. 21334, Amy Johnson
- C. No records are returned.
- D. 20989, Joe Smith
- E. 23430, Jason French

Answer: A

---

**QUESTION 39**

Given the following statements:

```
CREATE TABLE t1
```

```
(c1 INTEGER,
```

```
c2 INTEGER,
```

```
c3 DECIMAL(15,0 ))
```

```
INSERT INTO t1 VALUES (0, 1, 3.0)
```

Which of the following will cause C1 to be incremented each time a row is added to the T2 table?

- A. ALTER TABLE t1  
ADD CHECK(t2)  
 $c1 = c1 + 1$
- B. ALTER TABLE t1  
ADD FOREIGN KEY (c1)  
REFERENCES t2  
ON INSERT CASCADE
- C. CREATE TRIGGER trig1  
AFTER INSERT ON t2  
FOR EACH ROW MODE DB2SQL  
UPDATE t1 SET c1 = c1 + 1
- D. CREATE VIEW v1 (c1)  
AS (SELECT COUNT(\*) FROM t2)

Answer: C

---

**QUESTION 40**

An application is bound with Read Stability isolation level. It issues a request that retrieves 20 rows out of 200000 in the table. Which of the following describes the row(s) that are locked as a result of this request?

- A. The retrieved rows are locked.
- B. None of the rows are locked.
- C. The last row of the result set is locked.
- D. The first row of the result set is locked.

Answer: A

---

**QUESTION 41**

Which of the following options does the following statement perform?  
GRANT REFERENCES(col1) ON TABLE t.t1 TO user7

- A. Gives USER7 the ability to define referential integrity on table T.T1 using column COL1 as the parent key
- B. Gives USER7 the ability to define referential integrity on table T.T1 using column COL1 as the foreign key
- C. Gives USER7 the ability to refer to column COL1 of table T.T1 in views or select statements
- D. Gives USER7 the ability to refer to column COL1 of table T.T1 on user-defined function calls

Answer: A

---

**QUESTION 42**

Which of the following is the outcome of the following SQL statements?  
CREATE TABLE employee (empno INT, empname CHAR (30))  
CREATE UNIQUE INDEX empno\_ind ON employee (empno)

- A. Multiple NULL values are allowed in the EMPNO column.
- B. INSERT statements on the EMPLOYEE table will result in clustered data.
- C. Every value for EMPNO will be different.
- D. An additional unique index cannot be created on the EMPLOYEE table.

Answer: C

---

**QUESTION 43**

A stored procedure has been created with the following statement:

```
CREATE PROCEDURE P1(INOUT VAR1 VARCHAR(10))...
```

From the command line processor (CLP), which is the correct way to call this procedure?

- A. Call P1(?)
- B. Call P1(DB2)
- C. Call P1("DB2")
- D. Call P1('DB2')

Answer: D

---

**QUESTION 44**

An embedded SQL application is bound with Cursor Stability isolation level. It issues a request that retrieves 20 rows out of 200000 in the table. Which of the following describes the locks that are held as a result of this request?

- A. None of the rows are locked.
- B. The last row accessed is locked.
- C. The rows not previously updated by another application are locked.
- D. The retrieved rows are locked.

Answer: B

---

**QUESTION 45**

Given the following DDL statements:

```
CREATE TABLE tab1 (a INT, b INT, c INT)
CREATE VIEW v1 AS SELECT a, b, c FROM tab1
WHERE a > 250
WITH CHECK OPTION
```

Which of the following INSERT statements will fail?

- A. INSERT INTO tab1 VALUES (200, 2, 3)
- B. INSERT INTO v1 VALUES (300, 2, 3)
- C. INSERT INTO tab1 VALUES (350, 2, 3)
- D. INSERT INTO v1 VALUES (250, 2, 3)

Answer: D

---

**QUESTION 46**

USERA needs to be able to read rows from TAB1 and add new rows to TAB1. Which of the following statements will give USERA only the needed privileges?

- A. GRANT READ, INSERT ON TABLE tab1 TO usera
- B. GRANT SELECT, ALTER ON TABLE tab1 TO usera
- C. GRANT READ, ALTER ON TABLE tab1 TO usera
- D. GRANT SELECT, INSERT ON TABLE tab1 TO usera

Answer: D

---

**QUESTION 47**

Which two of the following SQL data types should be used to store a small binary image?

- A. VARCHAR FOR BIT DATA
- B. BLOB
- C. GRAPHIC
- D. VARCHAR
- E. CLOB

Answer: A,B

---

**QUESTION 48**

Given the two following tables:

POINTS

Name Points

Wayne Gretzky 244

Jaromir Jagr 168

Bobby Orr 129

Bobby Hull 93

Brett Hull 121

Mario Lemieux 189

PIM

Name PIM

Mats Sundin 14

Jaromir Jagr 18

Bobby Orr 12

Mark Messier 32

Brett Hull 66

Mario Lemieux 23

Joe Sakic 94

Which of the following statements will display the name, points and PIM for players in either table?

- A. SELECT points.name, points.points, pim.name, pim.pim  
FROM points LEFT OUTER JOIN pim ON points.name=pim.name
- B. SELECT points.name, points.points, pim.name, pim.pim  
FROM points INNER JOIN pim ON points.name=pim.name
- C. SELECT points.name, points.points, pim.name, pim.pim  
FROM points RIGHT OUTER JOIN pim ON points.name=pim.name
- D. SELECT points.name, points.points, pim.name, pim.pim  
FROM points FULL OUTER JOIN pim ON points.name=pim.name

Answer: D

---

**QUESTION 49**

A view is defined on a table for users to do which two of the following?

- A. Produce an action as a result of a change to a table
- B. Provide faster access to the data than querying the table
- C. Restrict user's access to a subset of the table data
- D. Avoid allocating more disk space per database
- E. Constrain the values that can be inserted into the table

Answer: C,E

---

**QUESTION 50**

Which of the following actions describes when SQL indexes can be explicitly referenced

by name within an SQL statement?

- A. When altering the index
- B. When dropping the index
- C. When inserting using the index
- D. When selecting on the index

Answer: B

---

**QUESTION 51**

Given the SQL statement:

```
ALTER TABLE table1 ADD col2 INT WITH DEFAULT
```

Which of the following is the result of the statement?

- A. The statement fails because no default value is specified.
- B. A new column called COL2 is added to TABLE1 which would have a value of zero if selected.
- C. A new column called COL2 is added to TABLE1 which would have a null value if selected.
- D. A new column called COL2 is added to TABLE1 which would require the default value to be set before working with the table.

Answer: B

---

**QUESTION 52**

Table T1 has a column C1 char(3) that contains strings in upper and lower case letters. Which of the following queries will find all rows where C1 is the string 'ABC' in any case?

- A. `SELECT * FROM t1 WHERE c1 = 'ABC' WITH OPTION CASE INSENSITIVE`
- B. `SELECT * FROM t1 WHERE IGNORE_CASE(c1 = 'ABC')`
- C. `SELECT * FROM t1 WHERE c1 = 'ABC'`
- D. `SELECT * FROM t1 WHERE UCASE(c1) = 'ABC'`

Answer: D

---

**QUESTION 53**

Given the following table definition:

```
STAFF
```

```
id INTEGER
```

```
name CHAR(20)
```

```
dept INTEGER
```

```
job CHAR(20)
```

```
years INTEGER
```

```
salary DECIMAL(10,2)
```

```
comm DECIMAL(10,2)
```

Which of the following statements will return all of the records by job with the salaries in descending order?

- A. SELECT \* FROM staff ORDER BY salary DESC, job
- B. SELECT \* FROM staff GROUP BY salary DESC, job
- C. SELECT \* FROM staff GROUP BY job, salary DESC
- D. SELECT \* FROM staff ORDER BY job, salary DESC

Answer: D

---

**QUESTION 54**

Given the following tables:

TABLEA TABLEB

empid name empid weeknumber paycheck

1 USER1 1 1 2000.00

2 USER2 1 2 3000.00

2 1 2000.00

TABLEB was defined as follows:

CREATE TABLE tableb (empid CHAR(3),

weeknumber CHAR(3),

paycheck DECIMAL(6,2),

CONSTRAINT const1 FOREIGN KEY (empid)

REFERENCES tablea (empid) ON DELETE CASCADE)

How many rows would be deleted from TABLEB if the following command was issued?

DELETE FROM tablea WHERE empid = '2'

- A. 2
- B. 0
- C. 1
- D. 3

Answer: C

---

**QUESTION 55**

A user defined function named F.FOO has an input parameter of an integer. USER4 executes the following SQL statement:

SELECT col1, col2 FROM t.tab1 WHERE f.foo(col1) <6;

Which of the following statements grants USER4 the privilege needed to be able to execute the user defined function?

- A. GRANT SELECT ON FUNCTION f.foo(INT) TO user4
- B. GRANT USE ON FUNCTION f.foo(INT) TO user4
- C. GRANT REFERENCES ON FUNCTION f.foo(INT) TO user4
- D. GRANT EXECUTE ON FUNCTION f.foo(INT) TO user4

Answer: D

**QUESTION 56**

Which two of the following are enforced by the database to restrict specific values from being inserted into a column in a particular table?

- A. Index
- B. A view with check option
- C. External scalar function
- D. Stored procedure
- E. Referential constraint

Answer: B,E

---

**QUESTION 57**

Which of the following isolation levels most frequently acquires a table level lock during an index scan?

- A. Repeatable Read
- B. Uncommitted Read
- C. Cursor Stability
- D. Read Stability

Answer: A

---

**QUESTION 58**

Where are referential constraint definitions stored?

- A. SYSIBM.SYSTRIGGERS
- B. The user tables
- C. The system catalog tables
- D. The explain tables

Answer: C

---

**QUESTION 59**

Given the table:

```
COUNTRY
NAME CITIES PERSON
Argentina 10 1
Canada 20 2
Cuba 10 2
Germany 0 1
France 5 7
```

Given the statement:

```
SELECT cities, name FROM country
```

Which of the following clauses must be added to the statement for it to return rows sorted

by NAME and then sorted by CITIES?

- A. ORDER BY 2, 1
- B. GROUP BY 2, 1
- C. ORDER BY 1, 2
- D. GROUP BY 1, 2

Answer: A

---

**QUESTION 60**

Which of the following deletion rules on CREATE TABLE will prevent parent table rows from being deleted if a dependent row exists?

- A. ON DELETE NO ACTION
- B. ON DELETE SET NULL
- C. ON DELETE ROLLBACK
- D. ON DELETE CASCADE

Answer: A

---

**QUESTION 61**

Given table T1 with 100 rows, which of the following queries will retrieve 10 rows from table T1?

- A. SELECT \* FROM t1 WHERE rownum <=10
- B. SELECT \* FROM t1 FETCH FIRST 10 ROWS ONLY
- C. SELECT TOP 10 \* FROM t1
- D. SELECT \* FROM t1 OPTIMIZE FOR 10 ROWS

Answer: B

---

**QUESTION 62**

Which of the following is defined on the dependent table to implement a referential constraint?

- A. Primary key
- B. Check constraint
- C. Foreign key
- D. Update trigger

Answer: C

---

**QUESTION 63**

A table called EMPLOYEE has the following columns:

NAME  
DEPARTMENT

PHONE\_NUMBER

Which of the following will allow USER1 to modify the PHONE\_NUMBER column?

- A. GRANT UPDATE (phone\_number) ON TABLE employee TO user1
- B. GRANT REFERENCES (phone\_number) ON TABLE employee TO user1
- C. GRANT INDEX (phone\_number) ON TABLE employee TO user1
- D. GRANT ALTER (phone\_number) ON TABLE employee TO user1

Answer: A

---

**QUESTION 64**

Given the following SQL statements:

```
CREATE TABLE tab1 (col1 INT)
INSERT INTO tab1 VALUES (NULL)
INSERT INTO tab1 VALUES (1)
CREATE TABLE tab2 (COL1 INT)
INSERT INTO tab2 VALUES (NULL)
INSERT INTO tab2 VALUES (1)
SELECT COUNT(*) FROM tab1
WHERE col1 IN
(SELECT col1 FROM tab2)
```

Which of the following is the result of the SELECT COUNT(\*) statement?

- A. 2
- B. 1
- C. 0
- D. NULL

Answer: B

---

**QUESTION 65**

USER1 indicates that when running the following command from their client:

```
DB2 CONNECT TO sample USER user1
```

They receive the following error message:

```
SQL1013N The database alias name or database name "SAMPLE" could not be found.
SQLSTATE=42705
```

Assuming a valid password was entered when prompted, which of the following is the cause of the error?

- A. The client's database directory does not contain an entry SAMPLE.
- B. The client's node directory has an entry in it that points at a non-existent server.
- C. The DB2 client version is not compatible with the server version.
- D. SAMPLE is not listening for incoming connections from clients.

Answer: A

---

**QUESTION 66**

USER4 has CREATE TAB authority and has created table TAB1. USER4 has no additional authorities. Which of the following statements is USER4 authorized to execute?

- A. GRANT OWNERSHIP ON TABLE tab1 TO user8
- B. GRANT CONTROL ON TABLE tab1 TO user8
- C. GRANT ALL PRIVILEGES ON TABLE tab1 TO user8
- D. GRANT LOAD ON TABLE tab1 TO user8

Answer: C

---

**QUESTION 67**

Given the following statements:

```
CREATE TABLE t1 (coll INT NOT NULL);  
ALTER TABLE t1 ADD CONSTRAINT t1_ck CHECK (coll in (1,2,3 ));  
INSERT INTO t1 VALUES (3);  
CREATE TABLE t2 LIKE t1;  
DROP TABLE t1;
```

Which of the following is the result of these statements?

- A. T2 is an empty table with the check constraint.
- B. T2 contains 1 row and is defined without the check constraint.
- C. T2 contains 1 row and is defined with the check constraint.
- D. Both tables are dropped.
- E. T2 is an empty table without the check constraint.

Answer: E

---

**QUESTION 68**

Which of the following products is designed for analyzing data with more than two dimensions?

- A. DB2 Data Links Manager
- B. DB2 OLAP Server
- C. DB2 Relational Connect
- D. DB2 Warehouse Manager

Answer: B

---

**QUESTION 69**

Which two of the following types of storage management methods are supported by DB2 OLAP Server?

- A. Relational
- B. Multi-dimensional

- C. Object
- D. Network
- E. Hierarchical

Answer: A,B

---

**QUESTION 70**

Given the following table definitions:

DEPARTMENT  
deptno CHAR(3)  
deptname CHAR(30)  
mgrno INTEGER  
admrdept CHAR(3)  
EMPLOYEE  
empno INTEGER  
first\_name CHAR(30)  
last\_name CHAR(30)  
workdept CHAR(3)

Given that the result set should only include employees with a department, which of the following statements will list each employee's number, last name, and department name?

- A. SELECT e.empno, e.lastname, d.deptname  
FROM employee e FULL OUTER JOIN department d  
ON e.workdept = d.deptno
- B. SELECT e.empno, e.lastname, d.deptname  
FROM employee e, department d  
WHERE e.workdept = d.deptno
- C. SELECT e.empno, e.lastname, d.deptname  
FROM employee e RIGHT OUTER JOIN department d  
WHERE e.workdept = d.deptno
- D. SELECT e.empno, e.lastname, d.deptname  
FROM employee e LEFT OUTER JOIN department d  
ON e.workdept = d.deptno

Answer: B

---

**QUESTION 71**

Given the following table definition:

STAFF  
id INTEGER  
name CHAR(20)  
dept INTEGER  
job CHAR(20)  
years INTEGER  
salary DECIMAL(10,2)

comm DECIMAL(10,2)

Which of the following SQL statements will return a result set that satisfies these conditions:

- Displays the department ID and total number of employees in each department.
- Includes only departments with at least one employee receiving a commission (comm) greater than 5000.
- Sorted by the department employee count from greatest to least.

- A. SELECT dept, COUNT(\*) FROM staff WHERE comm > 5000 GROUP BY dept, comm ORDER BY 2 DESC
- B. SELECT dept, comm, COUNT(id) FROM staff WHERE comm > 5000 GROUP BY dept, comm ORDER BY 3 DESC
- C. SELECT dept, COUNT(\*) FROM staff GROUP BY dept HAVING comm > 5000 ORDER BY 2 DESC
- D. SELECT dept, COUNT(\*) FROM staff GROUP BY dept HAVING MAX(comm) > 5000 ORDER BY 2 DESC

Answer: D

---

**QUESTION 72**

A developer is building a Windows embedded SQL application that will access DB2 UDB for OS/390 or OS/400 servers. Which of the following products is required to be installed on the Windows system in order to build the application?

- A. DB2 UDB Personal Edition
- B. DB2 Personal Developer's Edition
- C. DB2 UDB Workgroup Server Edition
- D. DB2 Connect Personal Edition

Answer: B

---

**QUESTION 73**

Given the following table definitions:

```
CREATE TABLE employee
(empid INT NOT NULL PRIMARY KEY,
emp_fname CHAR(30),
emp_lname CHAR(30)
)
CREATE TABLE payroll
(empid INTEGER,
weeknumber INTEGER,
paycheck DECIMAL(6,2),
CONSTRAINT fkconst FOREIGN KEY (empid)
REFERENCES employee (empid) ON DELETE SET NULL,
CONSTRAINT chk1
CHECK (paycheck>0 AND weeknumber BETWEEN 1 and 52))
```

The appropriate indexes exist to support the tables created with the previous CREATE statements. Which two of the following operations can cause the enforcement of a constraint defined on PAYROLL?

- A. Rollback of a row deletion on PAYROLL
- B. Addition of a new column to PAYROLL
- C. Update of a row in PAYROLL
- D. Deletion of a row in PAYROLL
- E. Deletion of a row in EMPLOYEE

Answer: C,E

---

**QUESTION 74**

Given the following users and groups with no privileges on table t1:

GroupA GroupB

-----

user1 user4

user2 user5

user3

Which of the following commands gives all users in the above groups the ability to create a view on table t1?

- A. GRANT SELECT ON TABLE t1 TO ALL
- B. GRANT REFERENCES ON TABLE t1 TO ALL
- C. GRANT SELECT ON TABLE t1 TO USER GroupA, GroupB
- D. GRANT SELECT ON TABLE t1 TO PUBLIC

Answer: D

---

**QUESTION 75**

Which two of the following can be done using the ALTER TABLE statement?

- A. Define a primary key.
- B. Add a check constraint.
- C. Change a column's name.
- D. Add a non-unique index.
- E. Define a trigger.

Answer: A,B

---

**QUESTION 76**

An administrator issues:

GRANT ALL PRIVILEGES ON TABLE appl.tab1 TO user1 WITH GRANT OPTION

Which of the following statements is USER1 authorized to execute?

- A. GRANT CONTROL ON TABLE appl.tab1 TO user8

- B. GRANT OWNER ON TABLE appl.tab1 TO user8
- C. GRANT INSERT ON TABLE appl.tab1 TO user8
- D. GRANT DROP ON TABLE appl.tab1 TO user8

Answer: C

---

**QUESTION 77**

Given the tables:

TABLEA TABLEB

empid name empid weeknumber paycheck

1 USER1 1 1 1000.00

2 USER2 1 2 1000.00

2 1 2000.00

TABLEB was defined as follows:

CREATE TABLE tableb (empid CHAR(3),

weeknumber CHAR(3), paycheck DECIMAL(6,2),

CONSTRAINT const1 FOREIGN KEY (empid)

REFERENCES tablea (empid) ON DELETE RESTRICT)

How many rows would be deleted from tableb if the following command was issued?

DELETE FROM tablea WHERE empid = '2'

- A. 2
- B. 0
- C. 3
- D. 1

Answer: B

---

**QUESTION 78**

Given the following SQL statements:

CREATE TABLE birthday1

(day INT CHECK(day BETWEEN 1 AND 31),

month INT CHECK(month BETWEEN 1 AND 6),

year INT)

CREATE TABLE birthday2

(day INT CHECK(day BETWEEN 1 AND 31),

month INT CHECK(month BETWEEN 7 AND 12),

year INT)

CREATE VIEW birthdays AS

SELECT \* FROM birthday1

UNION ALL

SELECT \* FROM birthday2

INSERT INTO birthday1 VALUES( 22,10, 1973)

INSERT INTO birthday1 VALUES( 40, 8, 1980)

INSERT INTO birthday1 VALUES( 8, 3, 1990)

INSERT INTO birthday1 VALUES( 22, 10, 1973)

INSERT INTO birthday1 VALUES( 3, 3, 1960)  
What will be the result of the following SELECT statement?  
SELECT COUNT(\*) FROM birthdays

- A. 2
- B. 5D.5
- C. 0
- D. 3

Answer: A

---

**QUESTION 79**

Given the following statements:

```
CREATE TABLE t1
(c1 INTEGER,
c2 INTEGER,
c3 DECIMAL(15,0 ))
INSERT INTO t1 VALUES (1, 2, 3.0)
```

Which of the following will cause C1 to be decremented each time a row is deleted from the T2 table?

- A. ALTER TABLE t1  
ADD CHECK(t2)  
c1 = c1 - 1
- B. CREATE TRIGGER trig1  
AFTER DELETE ON t2  
FOR EACH ROW MODE DB2SQL  
UPDATE t1 SET c1 = c1 - 1
- C. CREATE VIEW v1 (c1)  
AS (SELECT COUNT(\*) FROM t2)
- D. ALTER TABLE t1  
ADD FOREIGN KEY (c1)  
REFERENCES t2  
ON DELETE CASCADE

Answer: B

---

**QUESTION 80**

Given the table T1 created by:

```
CREATE TABLE t1
(
id INTEGER NOT NULL GENERATED ALWAYS AS IDENTITY,
c1 CHAR(10) NOT NULL,
c2 CHAR(10)
)
```

Which of the following INSERT statements will succeed?

- A. INSERT INTO t1 (c1, c2) VALUES ('abc', NULL)
- B. INSERT INTO t1 VALUES ('abc', NULL)
- C. INSERT INTO t1 VALUES (1, 'abc', NULL)
- D. INSERT INTO t1 (c1, c2) VALUES (NULL, 'def')

Answer: A

---

**QUESTION 81**

Given a user defined function, U.UDF1, that takes an input parameter of type INTEGER, and USER6 running the following SQL statement:

```
SELECT w.udf1(col6) FROM t.tab1 WHERE col4 = 'ABC'
```

Which of the following statement(s) would allow USER6 to execute the statement?

- A. GRANT SELECT ON TABLE t.tab1 TO user6  
GRANT REFERENCES ON FUNCTION u.udf1(INT) TO user6
- B. GRANT ALL PRIVILEGES ON TABLE t.tab1 TO user6  
GRANT EXECUTE ON FUNCTION u.udf1(INT) TO user6
- C. GRANT SELECT ON TABLE t.tab1 TO user6  
GRANT USE ON FUNCTION u.udf1(INT) TO user6
- D. GRANT ALL PRIVILEGES ON TABLE t.tab1 TO user6

Answer: B

---

**QUESTION 82**

A unit of work is using an isolation level of Read Stability. An entire table is scanned twice within the unit of work. Which of the following can be seen on the second scan of the table?

- A. Rows removed by other processes
- B. Rows changed in a result set by other processes
- C. Rows with uncommitted changes made by other processes
- D. Rows added to a result set by other processes

Answer: D

---

**QUESTION 83**

An application bound with isolation level Uncommitted Read updates a row. Which of the following is true regarding the locking of this row?

- A. The row lock is released when the cursor accessing the row is closed.
- B. No row lock is acquired when the row is updated.
- C. The row lock is released when the cursor accessing the row is moved to the next row.
- D. The row lock is released when the application issues a COMMIT statement.

Answer: D

---

**QUESTION 84**

What is the minimum privilege required to allow USER1 to access table data?

- A. READ privilege on the table
- B. REFERENCES privilege on the table
- C. SELECT privilege on the table
- D. SELECT privilege WITH GRANT OPTION on the table

Answer: C

---

**QUESTION 85**

Given tables that are defined in the following way:

Table1

col1 INT

col2 CHAR(30)

Table2

col1 INT

col2 CHAR(30)

Which of the following statements will insert all the rows in TABLE2 into TABLE1?

- A. INSERT INTO table1 (col1,col2) VALUES (SELECT col1,col2 FROM table2)
- B. INSERT INTO table1 SELECT col1, col2 FROM table2
- C. INSERT INTO table1 (table2.col1, table2.col2)
- D. INSERT INTO table1 VALUES (SELECT col1, col2 FROM table2)

Answer: B

---

**QUESTION 86**

Given the following table definition:

STAFF

id INTEGER

name CHAR(20)

dept INTEGER

job CHAR(20)

years INTEGER salary DECIMAL(10,2)

comm DECIMAL(10,2)

Where the job column contains job types: manager, clerk, and salesperson.

Which of the following statements will return the data with all managers together, all clerks together, and all salespeople together in the output?

- A. SELECT job, name FROM staff GROUP BY name, job
- B. SELECT \* FROM staff GROUP BY name, job, id, dept, years, salary, comm
- C. SELECT \* FROM staff ORDER BY name, job, id, dept, years, salary, comm
- D. SELECT \* FROM staff ORDER BY job

Answer: D

---

**QUESTION 87**

Given the two following table definitions:

ORG

deptnumb INTEGER

deptname CHAR(30)

manager INTEGER

division CHAR(30)

location CHAR(30)

STAFF

id INTEGER

name CHAR(30)

dept INTEGER

job CHAR(20)

years INTEGER

salary DECIMAL(10,2)

comm DECIMAL(10,2)

Which of the following statements will display each department, by name, and the total salary of all employees in the department?

A. SELECT a.deptname, SUM(b.salary)

FROM org a INNER JOIN staff b

ON a.deptnumb=b.dept

ORDER BY a.deptname

B. SELECT a.deptname, SUM(b.salary)

FROM org a, staff b

WHERE a.deptnumb=b.dept

GROUP BY a.deptname

C. SELECT a.deptname, SUM(b.salary)

FROM org a, staff b

WHERE a.deptnumb=b.dept

ORDER BY a.deptname

D. SELECT b.deptname, SUM(a.salary)

FROM org a INNER JOIN staff b

ON a.deptnumb=b.dept

GROUP BY a.deptname

Answer: B

---

**QUESTION 88**

An application is bound with Uncommitted Read isolation level. It issues a request that retrieves 20 rows out of 200000 in the table. Which of the following describes the rows that are locked as a result of this request?

- A. The last row of the result set is locked.
- B. The rows not previously updated by another application are locked.
- C. The retrieved rows are locked.
- D. None of the rows are locked.

Answer: D

---

**QUESTION 89**

Given that the following statements were executed in order:

```
CREATE TABLE tab1 (c1 CHAR(1))
```

```
INSERT INTO tab1 VALUES ('b')
```

```
CREATE VIEW view1 AS SELECT c1 FROM tab1 WHERE c1 ='a'
```

```
INSERT INTO view1 VALUES ('a')
```

```
INSERT INTO view1 VALUES ('b')
```

How many rows would be returned from the following statement?

```
SELECT c1 FROM tab1
```

- A. 1
- B. 2
- C. 0
- D. 3

Answer: D

---

**QUESTION 90**

A table contains a list of all seats on an airplane. A seat consists of a seat number and whether or not it is assigned. An airline agent lists all the unassigned seats on the plane. No one should be able to assign a seat that is in the agent's current list. If the agent refreshes the list from the table, the list should only change if another agent unassigns a currently assigned seat. Which of the following isolation levels should be used for this application?

- A. Uncommitted Read
- B. Cursor Stability
- C. Repeatable Read
- D. Read Stability

Answer: D

---

**QUESTION 91**

Which of the following DB2 UDB isolation levels will lock no rows during read processing?

- A. Read Stability
- B. Cursor Stability
- C. Uncommitted Read

D. Repeatable Read

Answer: C

---

**QUESTION 92**

Given the create statements:

```
CREATE DISTINCT TYPE kph AS INTEGER WITH COMPARISONS
CREATE DISTINCT TYPE mph AS INTEGER WITH COMPARISONS
CREATE TABLE speed_limits
(route_num SMALLINT,
canada_sl KPH NOT NULL,
us_sl MPH NOT NULL)
```

Which of the following is a valid query?

- A. SELECT route\_num FROM speed\_limits WHERE canada\_sl > 80
- B. SELECT route\_num FROM speed\_limits WHERE canada\_sl > us\_sl
- C. SELECT route\_num FROM speed\_limits WHERE canada\_sl > kph(80)
- D. SELECT route\_num FROM speed\_limits WHERE canada\_sl > kph

Answer: C

---

**QUESTION 93**

Communications is being manually established from a Windows 2000 client through a DB2 Connect gateway to a DB2 host system. Which of the following does NOT have to be cataloged on the gateway?

- A. The node where the data source resides
- B. The client
- C. The Database Connection Service (DCS) database
- D. The data source on the DB2 database server

Answer: B

---

**QUESTION 94**

Which of the following products can be used to perform a dictionary-based search?

- A. DB2 XML Extender
- B. DB2 Text Extender
- C. DB2 AVI Extender
- D. DB2 Spatial Extender

Answer: B

---

**QUESTION 95**

When establishing client-server communication, which two of the following can be used to verify passwords?

- A. Client Operating System
- B. Access Control List
- C. Catalog Tables
- D. DRDA Application Server
- E. Application Programs

Answer: A,D

---

**QUESTION 96**

Given the table definitions:

DEFIN1:

id SMALLINT NOT NULL

name VARCHAR(30)

hired DATE

DEFIN2:

deptid SMALLINT NOT NULL

name VARCHAR(30)

started DATE

Assuming that neither table is empty, which of the following statements will insert data successfully into table DEFIN1?

- A. INSERT INTO defin1 (id) VALUES (1)
- B. INSERT INTO defin1 (id, hired) AS SELECT DISTINCT 1, CURRENT DATE FROM defin2
- C. INSERT INTO defin1 (name, hired) SELECT DISTINCT 'Florence', CURRENT DATE FROM defin2
- D. INSERT INTO defin1 (name) VALUES ('Florence')

Answer: A

---

**QUESTION 97**

Which of the following tools is used to develop and deploy stored procedures?

- A. Development Center
- B. Task Center
- C. Command Center
- D. Control Center

Answer: A

---

**QUESTION 98**

Given the following column requirements:

Col1 Numeric Identifier - From 1 to 1000000

Col2 Job Code - Variable, 1 to 2 characters long

Col3 Job Description - Variable, 1 to 100 characters long

Col4 Job Length - Length of Job in seconds

Which of the following will minimize the disk space allocated to store the records if Job Description has an average length of 65?

- A. CREATE TABLE tab1 (col1 SMALLINT, col2 VARCHAR(2), col3 VARCHAR(100), col4 INT)
- B. CREATE TABLE tab1 (col1 INT, col2 CHAR(2), col3 VARCHAR(100), col4 INT)
- C. CREATE TABLE tab1 (col1 INT, col2 VARCHAR(2), col3 CHAR(100), col4 INT)
- D. CREATE TABLE tab1 (col1 SMALLINT, col2 CHAR(2), col3 CHAR(100), col4 INT)

Answer: B

---

**QUESTION 99**

Given the following two tables:

TAB1 TAB2  
C1 C2 CX CY

-----  
A 11 A 21  
B 12 C 22  
C 13 D 23

The following results are desired:

C1 C2 CX CY

-----=  
A 11 A 21  
C 13 C 22  
- - D 23

Which of the following joins will yield the desired results?

- A. SELECT \* FROM tab1 INNER JOIN tab2 ON c1=cx
- B. SELECT \* FROM tab2 RIGHT OUTER JOIN tab1 ON c1=cx
- C. SELECT \* FROM tab1 RIGHT OUTER JOIN tab2 ON c1=cx
- D. SELECT \* FROM tab2 FULL OUTER JOIN tab1 ON c1=cx

Answer: C

---

**QUESTION 100**

A developer is building a Solaris application that will access DB2 UDB for OS/390 or OS/400 servers. Which of the following products is required to be installed on the Solaris system to build the application?

- A. DB2 Connect Personal Edition
- B. DB2 Universal Developer's Edition
- C. DB2 Personal Developer's Edition
- D. DB2 UDB Workgroup Server Edition

Answer: B

---

**QUESTION 101**

Given these columns from the DEPARTMENT table:

deptno CHAR(3) NOT NULL  
deptname CHAR(20) NOT NULL  
mgrno CHAR(6)  
admrdept CHAR(3)  
location CHAR(20) NOT NULL

Which of the following will select the rows that do not have a value in the MGRNO column?

- A. SELECT \* FROM department WHERE mgrno = "
- B. SELECT \* FROM department WHERE mgrno IS UNKNOWN
- C. SELECT \* FROM department WHERE mgrno = NULL
- D. SELECT \* FROM department WHERE mgrno IS NULL

Answer: D

---

**QUESTION 102**

A database administrator has supplied the following information:

-Protocol: TCP/IP  
-Port Number: 446  
-Host Name: ZEUS  
-Database Name: SAMPLE  
-Database Server Platform: OS/400

Which are the appropriate commands to set up the ability to connect to the database?

- A. CATALOG TCPIP NODE zeus REMOTE zeus SERVER 446 OSTYPE os400;  
CATALOG DCS BD dcssam AS sample;  
CATALOG DATABASE dcssam AS sample AT NODE zeus AUTHENTICATION dcs;
- B. CATALOG TCPIP DATABASE sample REMOTE zeus SERVER 446 OSTYPE os400;  
CATALOG DATABASE dcssam AS sample AT NODE zeus AUTHENTICATION dcs;
- C. CATALOG TCPIP NODE sample REMOTE sample SERVER 446 OSTYPE os400;  
CATALOG DCS BD sample AS dcssam;  
CATALOG DATABASE dcssam AS sample AT NODE zeus AUTHENTICATION dcs;
- D. CATALOG TCPIP NODE zeus REMOTE zeus SERVER 446 OSTYPE os400  
DATABASE sample;

Answer: A

---

**QUESTION 103**

Given the following CREATE TABLE statement:

CREATE TABLE t1

(col1 INTEGER NOT NULL CONSTRAINT chk1 UNIQUE,  
col2 DATE NOT NULL CHECK (col2 <= :h1),  
col3 CHARACTER(128) NOT NULL WITH DEFAULT USER,  
col4 VARCHAR (300) NOT NULL WITH DEFAULT )  
The definition of which column caused the statement to fail?  
col2 <= CURRENT\_DATE

- A. COL2
- B. COL4
- C. COL3
- D. COL1

Answer: A

---

**QUESTION 104**

Given the following table definition:

COUNTRY  
c1 INTEGER  
name CHAR(20)

Which of the following SQL statements will remove all rows from the table named COUNTRY?

- A. DELETE FROM country
- B. DELETE FROM country WHERE c1 IS NOT NULL
- C. DELETE \* FROM country
- D. DELETE FROM TABLE country

Answer: A

---

**QUESTION 105**

Given the following existing user defined functions:

GEN.FN1(INT,CHAR) RETURNS CHAR

GEN.FN1(INT) RETURNS INT

GEN.FN1(CHAR) RETURNS DOUBLE

USERA needs to execute GEN.FN1(INT,CHAR) RETURNS CHAR. Which of the following statements successfully grants the required privilege?

- A. GRANT EXECUTE ON FUNCTION gen.fn1 TO usera
- B. GRANT EXECUTE ON FUNCTION gen.fn1(INT,CHAR) RETURNS CHAR TO usera
- C. GRANT EXECUTE ON FUNCTION gen.fn1(INT,CHAR) TO usera
- D. GRANT EXECUTE ON FUNCTION gen.fn1 RETURNS CHAR TO usera

Answer: C

---

**QUESTION 106**

Given the following statements:

```
CREATE TABLE tab1 (c1 char(3) WITH DEFAULT NULL, c2 INTEGER);
```

```
INSERT INTO tab1 (c2) VALUES (345);
```

Which of the following will be the result of the statement below, if issued from the Command Line Processor?

```
SELECT * FROM tab1;
```

A. C1 C2

-----

123 345

1 record(s) selected.

B. C1 C2

-----

345

1 record(s) selected.

C. C1 C2

-----

0 record(s) selected.

D. C1 C2D.C1 C2D.C1 C2

-----

1 record(s) selected.

Answer: D

---

**QUESTION 107**

Which of the following DB2 data types is used to store 50 MB of binary data as a single value?

A. DBCLOB

B. GRAPHIC

C. CLOB

D. BLOB

Answer: D

---

**QUESTION 108**

Given the following statements:

```
CREATE TABLE mytab
```

```
(
```

```
col1 INT NOT NULL PRIMARY KEY,
```

```
col2 CHAR(64),
```

```
col3 CHAR(32),
```

```
col4 INT NOT NULL,
```

```
CONSTRAINT c4 UNIQUE (col4,col1)
```

```
)
```

How many indexes are needed to support the table definition?

- A. 0
- B. 1
- C. 4
- D. 3
- E. 2

Answer: E