

Exam Questions C2090-320

DB2 11 Fundamentals for z/OS

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NEW QUESTION 1

Which of the following coupling facility structures are used by DB2 in a data sharing environment?

- A. List structure, DB2 logs, and group buffer pools
- B. Work file database, list structure, and virtual buffer pools
- C. Lock structure, shared communications area, and group buffer pools
- D. Lock structure, shared communications area, and bootstrap data sets

Answer: C

NEW QUESTION 2

Which of the following SELECT statements returns a different data value than the other SQL statements ?

- A. SELECT MONTH (CURRENT TIMESTAMP) FROM SYSIBM.SYSDUMMY1;
- B. SELECT EXTRACT(MONTH FROM CURRENT TIMESTAMP) FROM SYSIBM.SYSDUMMY1;
- C. SELECT LPAD(LTRIM(SUBSTR(CHAR(CURRENTTIMESTAMP(10))||6|2),0')||11") FROM SYSIBM.SYSDUMMY1;
- D. SELECT TIMESTAMPDIFF(64, CHAR(CURRENT TIMESTAMP - TIMESTAMP('2016-01-01-00.00.00')) FROM SYSIBM.SYSDUMMY1;

Answer: A

NEW QUESTION 3

Which catalog table would you query in order to determine the relevant statistics for an index?

- A. SYSIBM.SYSKEYS
- B. SYSIBM.SYSFIELDS
- C. SYSIBM.SYSCOLUMNS
- D. SYSIBM.SYSINDEXSTATS1

Answer: D

NEW QUESTION 4

The following definition for COL1 is given by this statement: CREATE TABLE... (COL1 BINARY (05))

Which of the following statements will successfully insert data into the table?

- A. INSERT INTO... (COL1) VALUES(HEX('12345'));
- B. INSERT INTO... (COL1) VALUES(BLOB('12345'));
- C. INSERT INTO... (COL1) VALUES(CHAR('12345'));
- D. INSERT INTO... (COL1) VALUES(BINARY('123456'));

Answer: C

NEW QUESTION 5

Which types of user-defined data types are supported? (Choose two.)

- A. CHAR
- B. ARRAY
- C. NUMERIC
- D. DISTINCT
- E. TIMESTAMP

Answer: BD

NEW QUESTION 6

You are designing a payroll table that will contain a salary column. Which of the following is the appropriate built-in data type for a salary column?

- A. REAL
- B. BIGINT
- C. DECIMAL
- D. INTEGER

Answer: C

NEW QUESTION 7

Which of the following can activate a trigger?

- A. A row is inserted
- B. A table or view is created
- C. A check constraint is defined
- D. A referential constraint is violated

Answer: D

NEW QUESTION 8

Which of the following actions can you take in order to prevent users from obtaining implicit privileges as a result of object ownership?

- A. Create the object in a trusted context that is defined with the ROLE AS OBJECT OWNER AND QUALIFIER clause
- B. Create the object after activating the SEPARATE_SECURITY=YES DSNZPARM
- C. Let somebody with SYSCTRL authority create the object
- D. Create the object after activating an audit policy that will apply to the table that you are about to create

Answer: A

NEW QUESTION 9

A stored procedure needs to issue a dynamic SQL statement (SELECT) at runtime. The stored procedure's owner ID must be used for the authorization check (whether or not the SELECT is allowed).

Which BIND parameter setting can you use to accomplish this ?

- A. DYNAMICRULES(RUN)
- B. DYNAMICRULES(BIND)
- C. DYNAMICRULES(INVOKERUN)
- D. DYNAMICRULES(DEFINEBIND)

Answer: B

NEW QUESTION 10

Which isolation level is described by the following?

The ISOLATION (..) option allows maximum concurrency with data integrity. Under the ISOLATION (..) option, a transaction holds locks only on its uncommitted changes and on the current row of each of its cursors.

- A. CS
- B. UR
- C. RR
- D. RS

Answer: A

NEW QUESTION 10

Which statement is TRUE regarding ROLLBACK processing?

- A. It only reads active logs
- B. It always needs archive logs
- C. It can never be processed just from memory
- D. It uses output buffers, active and archive logs

Answer: D

NEW QUESTION 13

Which command displays the DB2 catalog level and migration mode?

- A. DSNC DISPLAY
- B. MODIFY irlmproc,STATUS
- C. DISPLAY GROUP DETAIL
- D. DISPLAY DATABASE (DSNDB06)

Answer: B

NEW QUESTION 18

In the parent table of a referential constraint, a parent key must be which of the following? (Choose two.)

- A. A unique key
- B. A foreign key
- C. A primary key
- D. A duplicate key
- E. A secondary key

Answer: AC

NEW QUESTION 23

Which of the following statements about a table with a LOB column is TRUE?

- A. It doesn't need an auxiliary table if it has an inline LOB
- B. It must also have a ROWID column and an auxiliary table
- C. It doesn't need a ROWID column (implicit or explicit) if a LOB locator will be used
- D. It must be in a partitioned by growth (PBG) universal table space with a ROWID column

Answer: B

NEW QUESTION 25

Given a non-partitioned table space TS1 is built with LOCKSIZE ROW, LOCKMAX 1000 and SEGSIZE 64. If a unit of work acquires 1001 locks against table space TS1, the lock will be escalated to which of the following levels?

- A. PAGE
- B. TABLE
- C. PARTITION
- D. TABLESPACE

Answer: C

NEW QUESTION 27

Why would an SQL statement receive an SQLCODE of +100? (Choose two)

- A. The result of a SELECT INTO statement was an empty table
- B. A rowset FETCH statement encountered one or more error conditions
- C. The statement references an object that is not defined in the DB2 subsystem
- D. An error occurred during the insertion of a row into an optional Explanation table
- E. A FETCH statement was executed when the cursor was positioned after the last row of the result table

Answer: AC

NEW QUESTION 30

Which component of the program preparation produces a DBRM (Database request Module)?

- A. Compiler
- B. Linkage Editor
- C. Bind command
- D. Precompiler/Coprocessor

Answer: D

NEW QUESTION 35

Which option is used with the RECOVER utility when the data sets of the target objects have already been restored to a point of consistency by another process offline?

- A. LOGONLY
- B. FROMDUMP
- C. TOLASTCOPY
- D. CURRENTCOPYONLY

Answer: A

NEW QUESTION 36

Given the following table and index definitions, what type of index will be created?

```
CREATE TABLE TA1 (COL1 SMALLINT, COL2 CHAR(10), COL3 DATE, COL4 INT)
  IN DBA.TSA1 PARTITION BY RANGE (COL1)
    (PARTITION 1 ENDING AT (3000),
     PARTITION 2 ENDING AT (6000),
     PARTITION 3 ENDING AT (9000),
     PARTITION 4 ENDING AT (MAXVALUE));

CREATE UNIQUE INDEX IXA1 ON TA1 (COL1)
  PARTITIONED USING STOGROUP STA PRIQTY 10000 SECQTY 1000;
```

- A. Non-partitioned index
- B. Non-partitioned secondary index
- C. Data-partitioned secondary index
- D. Data-partitioned partitioning index

Answer: C

NEW QUESTION 41

Your application has a read-only cursor. You cannot tolerate uncommitted data but want to make sure that it provides the best concurrency. Which of the following bind options would provide the locking you need with optimistic locking?

- A. ISOLATION(UR)
- B. ISOLATION(RS)
- C. ISOLATION(CS)CURRENTDATA(NO)
- D. ISOLATION(CS)CURRENTDATA(YES)

Answer: C

NEW QUESTION 46

When the following SQL statement is executed, user smith will NOT be able to do which of the following? REVOKE USE OF STOGROUP stogr1 FROM smith;

- A. CREATE TRIGGER...;
- B. CREATE TABLE... IN db1.ts1;
- C. CREATE DATABASE ... STOGROUP stogr1;
- D. CREATE TABLESPACE... USING STOGROUP stogr1;

Answer: C

NEW QUESTION 49

Which SQL statement will retrieve the department number (WORKDEPT) and the highest salary (SALARY) for each department in a table named EMPLOYEE and arrange the result set in ascending order by department?

- A. SELECT workdept, salary FROM employee GROUP BY workdept ORDER BY workdept;
- B. SELECT workdept MAX(salary) FROM employee ORDER BY workdept GROUP BY 2;
- C. SELECT workdept MAX(salary) FROM employee ORDER BY workdept;
- D. SELECT workdept MAX(salary) FROM employee GROUP BY workdept ORDER BY 1;

Answer: B

NEW QUESTION 50

Assume DELETE triggers exist on the employee table. Which of the following statements will delete all the rows in the employee table and ignore any DELETE triggers?

- A. TRUNCATE employee;
- B. DELETE FROM employee;
- C. DELETE FROM employee WHERE...;
- D. TRUNCATE employee RESTRICT WHEN DELETE TRIGGERS;

Answer: B

NEW QUESTION 54

Given the tables:

PARTS table:

PART	PROD#	SUPPLIER
WIRE	10	ACWF
OIL	160	WESTERN_CHEM
MAGNETS	10	BATEMAN
PLASTIC	30	PLASTIK_CORP
BLADES	205	ACE_STEEL

PRODUCTS table

PROD#	PRODUCT	PRICE
505	SCREWDRIVER	3.70
30	RELAY	7.55
205	SAW	18.90
10	GENERATOR	45.75

Which SQL statement would join the tables on product number (prod#) and provide a table of what products (product), if any, the parts (part) are used? Limit the result to only parts where suppliers (supplier) do not start with the letter A.

A.

```
SELECT part, supplier, parts.prod#, product  
FROM parts JOIN products  
ON parts.prod# = products.prod#  
WHERE supplier NOT LIKE 'A%';
```

B.

```
SELECT part, supplier, parts.prod#, product  
FROM parts LEFT OUTER JOIN products  
ON parts.prod# = products.prod#  
WHERE supplier NOT LIKE 'A%';
```

C.

```
SELECT part, supplier, parts.prod#, product  
FROM parts JOIN products  
ON parts.prod# = products.prod#  
AND supplier NOT LIKE 'A%';
```

D.

```
SELECT part, supplier, parts.prod#, product  
FROM parts RIGHT OUTER JOIN products  
ON parts.prod# = products.prod#  
AND supplier NOT LIKE 'A%';
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: A

NEW QUESTION 58

The PERIOD BUSINESS_TIME clause on a DDL statement is used in which of the following? (Choose two)

- A. A bitemporal table
- B. A system-period temporal table
- C. A created global temporary table
- D. A declared global temporary table
- E. An application-period temporal table

Answer: CD

NEW QUESTION 63

Which of the following utilities CANNOT be executed from the DB2 utilities panel in DB2I?

- A. COPY
- B. REORG
- C. STOSPACE
- D. BACKUP SYSTEM

Answer: D

NEW QUESTION 66

Which of the following can be defined on the basis of a query?

- A. An alias
- B. A base table
- C. An accelerator-only table
- D. A materialized query table

Answer: D

NEW QUESTION 69

Which catalog table provides information about the validity of a bound package?

- A. SYSIBM.SYSPACKLIST
- B. SYSIBM.SYSPACKAGE
- C. SYSIBM.SYSPACKDEP
- D. SYSIBM.SYSPACKAUTH

Answer: A

NEW QUESTION 70

An application program is running much longer than expected. The PLAN_TABLE shows the following access path information:

ACCESSTYPE = 'R' PREFETCH = 'S'
What access path does this represent?

- A. IN-list access
- B. Direct row access
- C. Dynamic prefetch access
- D. Table space scan access

Answer: D

NEW QUESTION 75

Which privilege will user smith be able to grant to another user on table emp when the following SQL is executed?

GRANT ALL ON TABLE emp TO smith WITH GRANT OPTION;

- A. BIND
- B. REORG
- C. TRIGGER
- D. EXECUTE

Answer: D

NEW QUESTION 77

Which of the following are contained in the PLAN_TABLE? (Choose two.)

- A. RUNSTATS recommendations
- B. Access to LOB values, which are stored separately from the base table
- C. Access to parent or dependent tables needed to enforce referential constraints
- D. Whether an index access or table space scan is used for each access to a table
- E. The join methods and types that are used, and the order in which DB2 joins the tables

Answer: DE

NEW QUESTION 80

Which package level privileges does the user smith have when the following statement is executed? GRANT ALL ON PACKAGE clct1.pkg1 TO smith;

- A. GRANT, COPY, BIND, RUN
- B. BIND, EXECUTE, COPY, RUN
- C. CREATE, COPY, RUN, EXECUTE
- D. COPY, BINDADD, SQL, EXECUTE

Answer: B

NEW QUESTION 84

Which of the following statements about a system-period temporal table is TRUE?

- A. Rows can be archived into a history table which is always read only
- B. Every row has a pair of timestamps which is set and managed by the application
- C. AN SQL query for auditing can be run against current data or history data, but not both
- D. The table contains only the current active rows

Answer: B

Explanation:

In a system-period temporal table, every row has a pair of timestamps, which are set by the DB2 system and recorded in the begin_column and end_column columns. DB2 uses the SYSTEM_TIME period to audit the data changes. It provides the application with the database managed row begin and row end timestamp maintenance, providing non-overlapping time periods with no gaps in time.

NEW QUESTION 88

An external stored procedure is invoked using a CALL :hv (host variable). Which special register identifies the location of the procedure?

- A. CURRENT PATH
- B. CURRENT SCHEMA
- C. CURRENT PACKAGESET
- D. CURRENT ROUTINE VERSION

Answer: D

NEW QUESTION 89

COL1 is defined as CHAR(05) and contains CHAR('12345'). Which of the following expressions returns the digits 12345 for further calculation?

- A. HEX(COL1)
- B. DEC(COL1)
- C. PACK(COL1)
- D. DIGITS(COL1)

Answer: B

NEW QUESTION 90

How can a stored procedure be invoked?

- A. Via an SQL SELECT statement
- B. Via a CALL statement using SPUFI
- C. Directly via a RUN PROGRAM command
- D. Via a CALL statement from within an application program

Answer: D

NEW QUESTION 93

Which catalog table contains the information about definition changes for an object that have not yet been applied by the REORG utility?

- A. SYSIBM.SYSCHECKDEP
- B. SYSIBM.SYSPENDINGDDL
- C. SYSIBM.SYSDEPENDENCIES
- D. SYSIBM.SYSPENDINGOBJECTS

Answer: B

NEW QUESTION 98

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