IBM

Exam Questions C2090-320

DB2 11 Fundamentals for z/OS

NEW QUESTION 1
Which of the following programming techniques can be used to check for any error codes after executing an SQL statement?

A. Declaring a cursor
B. Using the WHENEVER statement
C. Using DCLGEN to produce declarations for tables
D. Dynamically executing a statement with parameter markers

Answer: D

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))I6I2)t,0')I11I") 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
To ensure only positive values are entered into a column, you add a constraint on the SALARY column of a previously populated table If D32 cannot guarantee the existing values in the column are positive, it will place the table space or partition that contains the table into which of the following states?

A. CHECK PENDING
B. REORG PENDING
C. REBUILD PENDING
D. ADVISORY REORG PENDING

Answer: A

NEW QUESTION 4
For a partition-by-range table, which data types can be used to define the key columns that are used to partition the data? (Choose two)

A. XML I
B. BINARY
C. DECIMAL
D. VARCHAR
E. DECFLOAT

Answer: AD

NEW QUESTION 5
Which BIND option determines when DB2 will do authorization checking?

A. DEFER
B. DEPLOY
C. VALIDATE
D. CURRENTDATA

Answer: C

NEW QUESTION 6
An array value CANNOT be specified using which of the following methods?

A. Invocation of an INSERT statement
B. Invocation of the ARRAY_AGG function
C. Invocation of the ARRAY_DELETE or TRIM_ARRAY built-in functions
D. A simple reference to an SQL variable, or SQL parameter that is a user-defined array type

Answer: D

NEW QUESTION 7
Your current authorization ID is DBA. Only one of your secondary authorization IDs, DB2, has the privilege to drop an existing index DB2.AAA on a table. The appropriate SQL statement is "DROP INDEX AAA". Which of the following statements must precede th$ DROP statement so that it drops the index?

A. SET CURRENT PATH = 'DB2';
B. SET CURRENT RULES = 'DB2';
C. No preceding statement is needed
D. SET CURRENT SCHEMA = 'DB2':

Answer: A

NEW QUESTION 8

We want to increase the salary for each employee (EMP) in the department (WORKDEPT) D11 and we want to see the new salaries(SALARY) for each of them. Which single SQL statement will do this?

A.

```
UPDATE emp SET salary = salary * 1.1 WHERE workdept = 'D11';
SELECT lastname, salary FROM emp;
```

B.

```
SELECT lastname, salary FROM FINAL TABLE
(UPDATE emp SET salary = salary * 1.1 WHERE workdept = 'D11');
```

C.

```
SELECT lastname, salary FROM NEW TABLE
(UPDATE emp SET salary = salary * 1.1 WHERE workdept = 'D11');
```

D.

```
SELECT lastname, salary FROM emp
(UPDATE emp SET salary = salary * 1.1 WHERE workdept = 'D11');
```

A. A
B. B
C. C
D. D

Answer: D

NEW QUESTION 9

Given the following INDEX definition, which attributes apply to this index? (Choose two.)

```
CREATE UNIQUE INDEX DSN8B10.XDEPT1
ON DSN8B10.DEPT
(DEPTNO)
USING VCAT DSNCAT
PIECESIZE 1048576K;
```

A. The index is partitioned
B. The index data sets are user-managed
C. The index data sets are DB2-managed
D. The index is unique and in ascending order
E. The maximum total size of the index is 1 GB

Answer: AB

NEW QUESTION 10

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 10

Which of the following elements is affected by a ROLLBACK statement?

A. LOB table spaces
B. Changes in cursor positioning
C. Acquisition and release of locks
D. Caching of rolled back statements

Answer: A

NEW QUESTION 15

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 19
Which of the following are advantages of DB2 for z/OS data sharing over a standalone DB2 subsystem implementation? (Choose two.)

A. Reduced active logs
B. Reduced storage use
C. Higher transaction rates
D. Reduced lock contention
E. Increased data availability

Answer: CE

NEW QUESTION 23
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 27
Select the SQL statement which will list the employee(empno) and the project numbers(projno) from the EMPACT table that has an employee(empno) whose salary(salary) is in the top three salaries for all employees from the EMP table.
A)
```
SELECT empno, projno
FROM empact ep
WHERE ep.empno IN
(SELECT em.empno
FROM emp em
ORDER BY salary DESC)
FETCH FIRST 3 ROWS ONLY;
```

B)
```
SELECT empno, projno
FROM empact
WHERE empno IN
(SELECT empno
FROM emp
FETCH FIRST 3 ROWS ONLY);
```

C)
```
SELECT ep.empno, projno
FROM empact ep
WHERE ep.empno IN
(SELECT em.empno
FROM emp em
ORDER BY salary
FETCH FIRST 3 ROWS ONLY);
```

D)
```
SELECT ep.empno, projno
FROM empact ep
WHERE ep.empno IN
(SELECT em.empno
FROM emp em
ORDER BY salary DESC
FETCH FIRST 3 ROWS ONLY);
```

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

Answer: D

NEW QUESTION 28
In order to run a DB2 program, the user issues the following commands: TSO prompt: READY
USER enters: DSN SYS(SSTR)

USER enters: RUN PROGRAM(MYPROG)
USER enters: END What is the result?

A. DB2 does not allow these commands
B. DSN command can not be used to run a program
C. Start a DSN session with DB2 subsystem SSTR, run a program and end the DSN session
D. Start a DSN session with system parameters SSTR, run a program and end the DSN session

Answer: C

NEW QUESTION 33
Which of the following are valid objects created using DDL? (Choose two)

A. PLAN
B. PACKAGE
C. DATABASE
D. SEQUENCE
E. COLLECTION

Answer: DE

NEW QUESTION 34
Given the following sequence of events:
* 1) COL1 in SCHEMA.TABLE has a value of 10
* 2) Update COL1 in SCHEMA.TABLE to 20
* 3)SetSAVEPOINTA
* 4) Update COL1 in SCHEMA.TABLE to 30
* 5)SetSAVEPOINTB
After issuing the statement: ROLLBACK TO SAVEPOINT
What will be the value in COL1 of the SCHEMA.TABLE?

A. 10
B. 20
C. 30
D. An -880 SQLCODE will be issued when the statement is executed

Answer: D

NEW QUESTION 38
User1 creates table user1 .customers in a partitioned-by-growth (PBG) table space DB1.TS1
Which of the following operations CANNOT be performed by user1 with implicit owner privileges on the table?

A. Run the LOAD utility to load data
B. Create a VIEW on the customers table
C. Run the REORG utility to reorganize the data
D. Issue an SQL LOCK TABLE statement against the customers table

Answer: A

NEW QUESTION 42
Using the SQL statement DECLARE GLOBAL TEMPORARY TABLE (DGTT) which of the following is TRUE?

A. A DGTT is only stored in memory
B. The qualifier for a DGTT is SESSION
C. The DGTT can be specified in a referential constraint
D. All privileges associated with the DGTT are stored in the DB2 catalog

Answer: B

NEW QUESTION 45
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 47
Which of the following is TRUE for using LOAD on a partition-by-growth table space?

A. Data can only be loaded at the partition level
B. Data can only be loaded at the table space level
C. Data can only be loaded using a clustering index
D. Data can be loaded at either the table space level or the partition level

Answer: A

NEW QUESTION 50
If a scrollable cursor is INSENSITIVE, which of the following applies?

A. The cursor is read only
B. WITH ROWSET POSITIONING is not allowed
C. The select-statement must not contain an SQL data change statement
D. The cursor has sensitivity to changes that are made to the database after the result table is materialized

Answer: A

NEW QUESTION 55
Which of the following tables can be used to set the default of the special register CURRENT APPLICATION COMPATIBILITY for remote users?

A. The resource limit facility table authid.DSNRLMTxx
B. The DB2 catalog table SYSIBM.SYSENVIRONMENT
C. The profile table SYSIBM.DSN_PROFILE_ATTRIBUTES
D. The communications database table SYSIBM.USERNAMES

Answer: C

NEW QUESTION 56
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 60
Given the following CREATE VIEW statement and sample data; your login id is "ROGER". What will be the result for this query?

```
CREATE VIEW EMP_INFO_VW (EMPID, NAME, ACCESS) AS
    SELECT EMPID, NAME, ACCESS
    FROM EMP_INFO
    WHERE ACCESS = CURRENT SQLID
        WITH CASCADED CHECK OPTION;

TABLE DATA:
EMPID       NAME            ACCESS
1           Christine ROGER
2           Puja ROGERSMITH
3           Fred ROGER
4           Roger SROGER
5           Troy RSMITH
6           Matt ROGERM

SELECT COUNT(*) FROM EMP_INFO_VW;
```

A. 6
B. 5
C. 4
D. 2

Answer: C

NEW QUESTION 64
Which SQL statement supports an insert or an update in a single SQL statement?

A. MERGE
B. UPSERT
C. UPDATE or INSERT INTO....
D. INSERT INTO table... ON DUPLICATE KEY ....

Answer: D

NEW QUESTION 69
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 OUTHER 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 73
Which DB2 address space manages DB2 locking?

A. IRLM
B. DIST
C. DBM1
D. MSTR

Answer: A

NEW QUESTION 78
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 80
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 85
You need to add the employee picture to the employee table. Which of the following is the appropriate built-in data type for storing images?

A. BLOB
B. CLOB
C. DBCLOB
D. VARGRAPHIC

Answer: B

NEW QUESTION 88
A summary table can be easily maintained using which of the following?

A. An auxiliary table
B. A partitioned table
C. A bi-temporal table
D. A materialized query table

Answer: D

NEW QUESTION 91
Which of the following is NOT a valid trigger?

A. MERGE
B. INSERT
C. UPDATE
D. DELETE

Answer: A

NEW QUESTION 94
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 97
Which of the following is used to identify valid source and target combinations and to perform the conversion from one coded character set to another?

A. EBCDIC tables
B. z/OS Unicode support
C. DB2 catalog table SYSIBM.SYSCOLUMNS
D. DB2's Distributed Relational Database Architecture

Answer: D

NEW QUESTION 100
What is the result XQuery FLWOR expression when running the following scenario?

```
CREATE TABLE EMPLOYEE (EMPID INTEGER, INFO XML);

INSERT INTO EMPLOYEE VALUES(1,
      '<employeeinfo>
      <name> Joe Smith</name>
      <department name="DB2">
      <team>Development</team>
      </department>
      </employeeinfo>');

SELECT
  XMLSERIALIZE(
    XMLQUERY(
      'for $i in $i/empoyeeinfo
      return $i/name'
      PASSING INFO AS "i")
      AS CLOB)
FROM EMPLOYEE;
```

A. Joe Smith
B. <name> Joe Smith </name>
C. <employeeinfo><name> Joe Smith </name></employeeinfo>
D. <name> Joe Smith </name><department name>DB2</department name>

Answer: A

NEW QUESTION 103
What are two major encoding schemes? (Choose two.)

A. UNIX
B. Linux
C. CCSID
D. Unicode
E. EBCDIC

Answer: DE

NEW QUESTION 106
Which DB2 command displays the status information about DB2 database MYDB and displays the status of all objects in this database?

A. -DISPLAY DATABASE(MYDB) OVERVIEW
B. -DISPLAY DATABASE(MYDB) SPACENAM(*)
C. -DISPLAY DATABASE(MYDB) SPACENAM(') RES
D. -DISPLAY DATABASE(MYDB) SPACENAMO ACTIVE

Answer: D

NEW QUESTION 110
The metadata for which of the following objects is NOT stored in the DB2 catalog table SYSIBM.SYSTABLES?

A. A view
B. A temporal table
C. A created global temporary table
D. A declared global temporary table

Answer: B

NEW QUESTION 114
Which of the following describes OLTP workload rather than an analytics workload?

A. Extreme data volume
B. Temporary or intermediate staging of data
C. Set-oriented processing and bulk operations
D. A large number of short, discrete, atomic transactions

Answer: D

NEW QUESTION 115
Which of the following SQL constructs does NOT provide information about the success or failure of the SQL statement that was just executed?

A. SQLCA
B. SQLDA
C. SQLCODE
D. SQLSTATE

Answer: B

NEW QUESTION 117
Which of the following statements concerning a bi-temporal table is TRUE?

A. It provides business history, but is not useful for audit purposes
B. It is defined with both an application period and a system period
C. It is useful for audit purposes, but is not useful for business history
D. It contains data reflecting two different times – current time and one previous time

Answer: B

NEW QUESTION 120
You want to see all messages that were generated by one specific DB2 subsystem such as log switches and timeout messages. Which job log would show all of these?

A. MSTR
B. DBM1
C. DIST
D. IRLM

Answer: A

NEW QUESTION 122
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 125
Which catalog table contains the IN, OUT and INOUT parameters used in a stored procedure?

A. SYSIBM.SYSSTMT
B. SYSIBM.SYSPARMS
C. SYSIBM.SYSROUTINES
D. SYSIBM.SYSVARIABLES

Answer: C

NEW QUESTION 129
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