

C2090-320 Dumps

DB2 11 Fundamentals for z/OS

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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

When the following SQL statement is executed, the user SMITH is able to manage all objects in the DB2 subsystem except for which of the following?
GRANT DBADM ON SYSTEM TO smith;

- A. Tables
- B. Traces
- C. Sequences
- D. Security Objects

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 DB2 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

Which of the following locking scenarios requires the least amount of real storage in the IRLM address space?

- A. 10 row locks
- B. 200 page locks
- C. A single table space lock
- D. 6 partition locks (given a table space with a total of 10 partitions)

Answer: C

NEW QUESTION 5

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 6

Which BIND option determines when DB2 will do authorization checking?

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

Answer: C

NEW QUESTION 7

Which privilege or authority is required to use the DSN command?

- A. None
- B. SYSADM
- C. SECADM
- D. EXECUTE

Answer: B

NEW QUESTION 8

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 the 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 9

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 10

Which statement is TRUE regarding catalog table SYSIBM.SYSROUTINES?

- A. Contains scheduled tasks for the administrative scheduler
- B. Contains information about UDFs, BIFs and stored procedures
- C. Contains information about bound packages
- D. Contains information about UDFs and stored procedures

Answer: D

NEW QUESTION 10

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 11

While DSN is running, which of the following commands CANNOT be successfully executed?

- A. -STOP DB2
- B. -START DB2
- C. -TERM UTILITY
- D. -DISPLAY UTILITY

Answer: D

NEW QUESTION 14

Which of the following CREATE TABLE or associated CREATE INDEX options are valid when defining a table with the PARTITION BY RANGE clause? (Choose two)

- A. MAXPARTITIONS
- B. ENDING AT clause on a CREATE INDEX statement for the table
- C. MEMBER CLUSTER
- D. ENDING AT clause on the CREATE TABLE statement
- E. A LOB column specified as a column of the partitioning key

Answer: B

NEW QUESTION 17

Which authorizations can change the value of the subsystem parameter SYSADM using the -SET SYSPARM command? (Choose two.)

- A. SYSADM
- B. SECADM
- C. SYSCTRL
- D. Installation SYSADM
- E. Installation SYSOPR

Answer: DE

NEW QUESTION 22

The following warning message is issued when the last available active log data set is 5% full: DSNJ110E - LAST COPY n ACTIVE LOG DATA SET IS nnn PERCENT FULL

What will happen if you ignore this message?

- A. DB2 will shut down if it reaches the 100 % full condition
- B. DB2 will overwrite the oldest archive log without archiving
- C. DB2 will stop any activity that requires log writes if it reaches the 100 % full condition
- D. DB2 will automatically allocate more active log data sets as long as there are still less than 93 of them

Answer: A

NEW QUESTION 24

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 29

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 32

Given the following table:

```
CREATE TABLE EMPSAMP
(EMPNO  INTEGER GENERATED ALWAYS AS IDENTITY,
 NAME   CHAR(30),
 SALARY DECIMAL(10,2),
 DEPTNO SMALLINT,
 LEVEL  CHAR(30),
 HIRETYPE VARCHAR(30) NOT NULL WITH DEFAULT 'New Hire',
 HIREDATE DATE NOT NULL WITH DEFAULT);
```

Which of the following INSERT statements will be successful?

- A. INSERT INTO EMP_SAMP (empno,name, salary, deptno, level,hiretyp
- B. hiredate) VALUES(2,'Mary Smith', 35000.00, 11, 'Associate', 'existing705-06-2016');
- C. INSERT INTO EMP_SAMP ('Mary Smith', 35000.00, 11, 'Associate', 'existing705-06-2016');
- D. INSERT INTO EMP_SAMP VALUES(2,'Mary Smith', 35000.00, 11, 'Associate', 'existing\05-06-2016');
- E. INSERT INTO EMP_SAMP (name, salary, deptno, level) VALUES('Mary Smith', 35000.00, 11, 'Associate');

Answer: B

NEW QUESTION 34

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 36

What is the proper sequence for running the steps of the program preparation process?

- A. Precompile
- B. compile, link edit, bind
- C. Bind, precompile, compile, link edit
- D. Precompile
- E. bind, link edit, compile
- F. Link edit, precompile, compile, bind

Answer: C

Explanation:

https://www.ibm.com/support/knowledgecenter/en/SSEPEK_10.0.0/intro/src/tpc/db2z_programpreprocesses.ht

NEW QUESTION 40

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 43

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 47

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 51

Which of the following is NOT TRUE?

- A. An index can be created on XML columns
- B. Length must be specified for an XML column
- C. XML columns can be added to existing tables
- D. Triggers can be created on tables with XML columns

Answer: D

NEW QUESTION 54

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 59

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 62

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 64

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 68

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 71

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 dbl.ts1;
- C. CREATE DATABASE ... STOGROUP stogr1;
- D. CREATE TABLESPACE... USING STOGROUP stogr1;

Answer: C

NEW QUESTION 73

Which type of lock is obtained when using a 'WITH UR1 clause on an SQL SELECT statement in a data-sharing environment?

- A. U-lock
- B. S-lock
- C. P-lock
- D. No lock is obtained

Answer: B

NEW QUESTION 76

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 81

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 84

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 87

What is the purpose of an auxiliary table?

- A. To hold the data for a column that is defined in a base table
- B. To hold only XML data
- C. To hold data temporarily
- D. To store rows that are deleted from another table

Answer: D

NEW QUESTION 89

Which DB2 address space manages DB2 locking?

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

Answer: A

NEW QUESTION 93

Which CREATE TABLESPACE option specifies that a table space is partition-by-growth?

- A. DSSIZE
- B. PARTITION
- C. NUMPARTS
- D. MAXPARTITIONS

Answer: D

NEW QUESTION 94

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 95

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 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 101

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 103

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 106

Which type of index will cause DB2 to store the data in a given physical order?

- A. UNIQUE
- B. PRIMARY
- C. CLUSTER
- D. PARTITIONED

Answer: D

NEW QUESTION 111

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 116

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 120

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 123

The DB2 subsystem DSN has been correctly configured to access a remote DB2 location MYREMOTE. Which of the following processes can be used on subsystem DSN to access MYUSER.EMP table at MYREMOTE location?

- A. SELECT * FROM MYUSER.EMP;
- B. CONNECT TO MYREMOTE;SELECT * FROM MYUSER.EMP;
- C. SELECT * FROM MYUSER.MYREMOTE.EMP;
- D. CREATE ALIAS EMP_ALIAS FOR LOCATION.MYREMOTE.MYUSER.EMP;SELECT * FROM MYUSER.EMP_ALIAS;

Answer: B

NEW QUESTION 125

DB2 native SQL procedures execute in which DB2 address space?

- A. IRLM
- B. DIST
- C. DBM1
- D. WLM stored procedure

Answer: D

NEW QUESTION 126

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 127

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 131

Which protocol provides applications the ability to connect to a server at another location and execute packages that have been previously bound at that server?

- A. CLI
- B. JDBC
- C. DRDA
- D. ODBC

Answer: D

NEW QUESTION 136

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 138

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