

# IBM

## Exam Questions C2090-320

DB2 11 Fundamentals for z/OS



#### NEW QUESTION 1

In order to evaluate the real-time relative disorganization of an index, which catalog table would you query?

- A. SYSIBM.SYSINDEXES
- B. SYSIBM.SYSINDEXPART
- C. SYSIBM.SYSINDEXSTATS
- D. SYSIBM.SYSINDEXSPACESTATS

**Answer: B**

#### NEW QUESTION 2

Which two of the following functions are synonyms of one another? (Choose two)

- A. CLOB
- B. VALUE
- C. IFNULL
- D. DBCLOB
- E. COALESCE

**Answer: CE**

#### NEW QUESTION 3

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 4

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 5

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 6

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 7

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
- B. BINARY
- C. DECIMAL
- D. VARCHAR
- E. DECFLOAT

**Answer: AD**

#### NEW QUESTION 8

Which of the following statements will create an application-period temporal table?

- A. CREATE TABLE POLICY\_ATT(BANK VARCHAR(4). SYS\_BEGIN TIMESTAM
- B. SYS\_END TIMESTAMP, CLIENT CHAR(4), TYPE CHAR(5), PAY INT, PERIOD SYSTEM\_TIME(SYS\_BEGIN, SYS\_END));
- C. CREATE TABLE POLICY\_ATT(BANK VARCHAR(4),SYS\_BEGIN TIMESTAMP NOT NULL, SYS\_END TIMESTAMP NOT NULL, CLIENT CHAR(4)T TYPE CHAR(5), PAY INT, PERIOD SYSTEM\_TIME(SYS\_BEG1N, SYS\_END));
- D. CREATE TABLE POLICY\_ATT(BANK VARCHAR(4). BUS\_BEGIN TIMESTAM
- E. BUS\_END TIMESTAM
- F. CLIENT CHAR(4), TYPE CHAR(5), PAY IN
- G. PERIOD BUSINESS\_TIME(BUS\_BEGI
- H. BUS\_END));
- I. CREATE TABLE POLICY\_ATT(BANK VARCHAR(4),BUS\_BEGIN TIMESTAMP NOT NULL, BUS\_END TIMESTAMP NOT NUK, CLIENT CHAR{4), TYPE CHAR(5), PAY IN
- J. PERIOD BUSINESS\_TIME(BUS\_BEGI
- K. BUS\_END));

**Answer:** C

#### NEW QUESTION 9

Your current authorization ID is DBA. Only one of your secondary authorization IDs, DB2, has the privilege to create an index DB2.AAA on a table. The appropriate SQL statement starts with "CREATE INDEX AAA ON...". Which of the following statements must precede the CREATE statement so that you can create the index?

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

**Answer:** A

#### NEW QUESTION 10

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 10

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 15

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 17

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 20

A clone table can only be created in which of the following?

- A. A simple table space
- B. A universal table space

- C. An auxiliary table space
- D. A classic segmented table space

**Answer:** B

#### NEW QUESTION 25

How can a user-defined function (UDF) 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:** B

#### NEW QUESTION 28

Which command displays the DB2 catalog level and migration mode?

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

**Answer:** B

#### NEW QUESTION 30

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 34

You want to reduce lock contention that results from uncommitted insert and delete operations by enabling transactions that read data to access only the currently committed data rather than waiting for the uncommitted changes to be resolved. How can you accomplish this?

- A. Bind your application with ISOLATION(UR)
- B. Bind your application with ISOLATION(CS)
- C. Bind your application with CONCURRENTACCESSRESOLUTION (WAITFOROUTCOME)
- D. Bind your application with CONCURRENTACCESSRESOLUTION (USECURRENTLYCOMMITTED)

**Answer:** D

#### NEW QUESTION 35

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 36

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 40

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 45

Consider the following question: "What is the average salary by sex within education level?" An occasional uncommitted record can be tolerated in the average. Which of the following is the most appropriate isolation level for this?

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

**Answer:** A

#### NEW QUESTION 48

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 49

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

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 55

Which type of constraint is NOT enforced by DB2 during SQL processing?

- A. Check
- B. Referential
- C. Primary key
- D. Informational referential

**Answer:** D

#### NEW QUESTION 60

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 62

A view is considered read only if which of the following is TRUE?

- A. The first FROM clause identifies only one table
- B. The outer fullselect contains an ORDER BY clause
- C. The first SELECT clause specifies the DISTINCT option
- D. The fullselect includes a column of a base table that is defined as implicitly hidden

**Answer:** B

#### NEW QUESTION 67

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 68

Which of the following is NOT a valid trigger?

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

**Answer:** A

#### NEW QUESTION 73

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 78

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 81

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 86

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 88

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 91

Assuming column hire date is a DATE data type, which SQL statement will retrieve the maximum salary (salary) and minimum salary(salary) for each job(job) from EMPLOYEE table for those hired(hiredate) before 1965?

- A.  

```
SELECT job, MAX(salary)
FROM employee
WHERE hiredate < 1965-1-1
GROUP BY job
UNION
SELECT job, MIN(salary)
FROM employee
WHERE hiredate < 1965-1-1
GROUP BY job;
```
- B.  

```
SELECT job, MAX(salary), MIN(salary)
FROM employee
WHERE hiredate < 1965-1-1
GROUP BY job;
```
- C.  

```
SELECT job, MAX(salary), MIN(salary)
FROM employee
WHERE hiredate < '1965-1-1'
GROUP BY job;
```
- D.  

```
SELECT job, MAX(salary), MIN(salary)
FROM employee
WHERE hiredate < '1965-1-1'
ORDER BY job;
```

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

**Answer:** D

#### NEW QUESTION 95

Which SQL statement can be used to provide diagnostic information about the last SQL statement that was executed?

- A. GET DIAGNOSTICS
- B. DESCRIBE OUTPUT
- C. DECLARE STATEMENT
- D. SET CURRENT DEBUG MODE

**Answer:** A

#### NEW QUESTION 99

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 101**

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 105**

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