

# IBM

## Exam Questions C2090-320

DB2 11 Fundamentals for z/OS



#### NEW QUESTION 1

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 2

Which of the following is NOT a valid lock size in DB2?

- A. Table
- B. Partition
- C. Database
- D. Table space

**Answer: C**

#### NEW QUESTION 3

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 4

In which address space would a native SQL stored procedure run?

- A. WLM
- B. DIST
- C. DBM1
- D. The address space of the calling program

**Answer: C**

#### NEW QUESTION 5

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 6

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 7

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 8

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 9

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

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 10

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 14

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 17

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 18

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 23

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 25

In a unique referential constraint, which type of key does a foreign key reference?

- A. Child key
- B. Collation key
- C. Parent key
- D. Secondary key

**Answer:** C

#### NEW QUESTION 28

Which command displays the DB2 catalog level and migration mode?

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

**Answer:** B

#### NEW QUESTION 32

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 33**

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 38**

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 43**

Which job generates the subsystem parameter module?

- A. DSNTIJIN
- B. DSNTIJJP
- C. DSNTIJUZ
- D. DSNTIJEN

**Answer: C**

**NEW QUESTION 48**

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 50**

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 51**

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 54**

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 58**

Which of the following statements is TRUE when issuing an SQL ROLLBACK (without SAVEPOINT) statement?

- A. All held LOB locators are retained
- B. All locks that are implicitly acquired during the unit of recovery are retained
- C. All rows and all logical work files of every created temporary table of the application process are deleted
- D. All cursors are closed, all prepared statements are retained, and any cursors that are associated with the prepared statements are invalidated

**Answer:** C

**NEW QUESTION 61**

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

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

**Answer:** D

**NEW QUESTION 70**

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 74**

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

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/employeeinfo  
            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 78

What are two major encoding schemes? (Choose two.)

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

**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 83

Which of the following table space types does NOT support the use of REORG TABLESPACE SHRLEVEL(NONE)?

- A. LOB
- B. Simple
- C. Partition-by-range
- D. Partition-by-growth

**Answer:** A

#### NEW QUESTION 88

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 92

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 95

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 99

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 100

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