

IBM

Exam Questions C2090-320

DB2 11 Fundamentals for z/OS



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 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 3

Which of the following is a characteristic of a stand-alone utility?

- A. It can only be executed using JCL
- B. It can only be executed by a user with SYSADM
- C. It can only be executed if no other utilities are running
- D. It can only be executed in a non-data sharing environment

Answer: A

NEW QUESTION 4

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 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

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 7

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 8

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 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 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 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 12

Which statement about an application-period temporal table is TRUE?

- A. It has SYSTEM_TIME defined
- B. It has an end column defined using WITH DEFAULT NULL
- C. It must have the index clause BUSINESS_TIME WITHOUT OVERLAPS
- D. It has a begin column defined as TIMESTAMP(6) NOT NULL or DATE NOT NULL

Answer: C

NEW QUESTION 16

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 21

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

Answer: B

NEW QUESTION 23

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 28

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 31

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

- A. Precompil
- B. compile, link edit, bind
- C. Bind, precompile, compile, link edit
- D. Precompil
- 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 32

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 37

Given the following CREATE TABLE statement, and a unique index on column EMPID, which set of SQL statements is valid?

```
CREATE TABLE EMP_INFO (EMPID INTEGER NOT NULL,  
                        NAME VARCHAR(40) NOT NULL,  
                        ADDRESS VARCHAR(50), PRIMARY KEY (EMPID));
```

A.

```
insert into EMP_INFO ("EMPID", "NAME", "ADDRESS")  
  values(1, 'Roger Miller', '123 W. Pine St., Chicago IL 60090');  
insert into EMP_INFO ("EMPID", "NAME", "ADDRESS")  
  values(1, 'Bob Smith', '1601 E. Summer Drive, Fresno CA 93728');
```

B.

```
insert into EMP_INFO ("EMPID", "NAME")  
  values(1, 'Roger Miller');  
insert into EMP_INFO ("EMPID", "NAME")  
  values(1, 'Bob Smith');
```

C.

```
insert into EMP_INFO ("EMPID", "ADDRESS")  
  values(1, '123 W. Pine St., Chicago IL 60090');  
insert into EMP_INFO ("EMPID", "ADDRESS")  
  values(2, '1601 E. Summer Drive, Fresno CA 93728');
```

D.

```
insert into EMP_INFO ("EMPID", "NAME")  
  values(1, 'Roger Miller');  
insert into EMP_INFO ("EMPID", "NAME", "ADDRESS")  
  values(2, 'Bob Smith', '1601 E. Summer Drive, Fresno CA 93728');
```

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

D. Option D

Answer: D

NEW QUESTION 39

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 40

Which characteristic best describes a created global temporary table?

- A. Inserts are logged
- B. Rows are locked when they exist in the table
- C. They have permanent, shareable descriptions
- D. Access to rows can be shared across multiple processes

Answer: C

NEW QUESTION 41

Which of the following effectively and efficiently manages priorities of a mixed workload as a result of its tight integration with DB2 for z/OS?

- A. Data Facility Storage Management
- B. z/OS Parallel Sysplex Configuration
- C. Workload Manager
- D. z Systems Processor Resource

Answer: C

NEW QUESTION 45

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 47

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 48

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 49

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 50

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 51

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 56

Which of the following is NOT a valid trigger?

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

Answer: A

NEW QUESTION 57

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 59

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 63

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 65

The maximum size for each partition of a partition-by-range table space, with fewer than 255 partitions, is determined by which combination of options? (Choose two.)

- A. DSSIZE
- B. PRIQTY
- C. NUMPARTS
- D. BUFFERPOOL
- E. MAXPARTITIONS

Answer: AC

NEW QUESTION 66

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 68

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 71

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 75

DB2 native SQL procedures execute in which DB2 address space?

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

Answer: D

NEW QUESTION 77

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 81

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 86

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 90

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