Exam Questions C2090-320

DB2 11 Fundamentals for z/OS

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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 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))l6l2)t,0')l11l") FROM SYSIBM.SYSDUMMY1;
D. SELECT TIMESTAMPDIFF(64. CHAR(CURRENT TIMESTAMP - TIMESTAMP('2016-01-01-00.00.00'))) FROM SYSIBM.SYSDUMMY1;

Answer: A

NEW QUESTION 4
Which catalog tables are populated by RTS? (Choose two.)

A. SYSIBM.SYSTABLES
B. SYSIBM.SYSINDEXES
C. SYSIBM.SYSINDEXPART
D. SYSIBM.SYSINDEXSPACESTATS
E. SYSIBM.SYSTABLESPACESTATS

Answer: DE

NEW QUESTION 5
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 6
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 7
Which catalog table would you query in order to determine the relevant statistics for an index?

A. SYSIBM.SYSKEYS
B. SYSIBM.SYSFIELDS
C. SYSIBM.SYSCOLUMNS
D. SYSIBM.SYSINDEXSTATS1

Answer: D

NEW QUESTION 8
Which BIND option determines when DB2 will do authorization checking?

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

Answer: C

NEW QUESTION 9
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 10
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 10
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 13
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 18
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 22
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 24
Which of the following can activate a trigger?

A. A row is inserted
B. A table or view is created
C. A check constraint is defined
D. A referential constraint is violated

Answer: D

NEW QUESTION 26
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 27
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 28
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 32
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 36
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 41
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 46
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 48
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 53
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 55
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 60
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 61
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 63
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 64
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 66
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 68
Which job generates the subsystem parameter module?

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

Answer: C

NEW QUESTION 72
Which of the following automatically maintains historical versions of data over several years?

A. A partitioned-by-range table
B. A partitioned-by-growth table
C. A system-period temporal table
D. An application-period temporal table

Answer: C

NEW QUESTION 75
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 79
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 82
You have created a new index. What is the command to potentially change the access path for a static package?

A. FREE
B. RESET
C. REBIND
D. REFRESH

Answer: A

NEW QUESTION 87
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 91
Given the following:

```
CREATE TABLE POLICY_INFO_AET
(POLICY_ID CHAR(10) NOT NULL,
COVERAGE INT NOT NULL);

CREATE TABLE POLICY_INFO_ARC
(POLICY_ID CHAR(10) NOT NULL,
COVERAGE INT NOT NULL);
```

ALTER TABLE POLICY_INFO_AET ENABLE ARCHIVE USE POLICY_INFO_ARC: SET SYSIBMADM.MOVE_TO_ARCHIVE = T; ***
Which of the following occurs automatically when rows are deleted from POLICY_INFO_AET?

A. The deleted rows are moved from POLICY_INFO_AET table to PaOLICY_INFO_ARC table
B. The logically deleted rows are removed from POLICY_INFO_ARC table during the REORG
C. The deleted rows are removed from both POLICY_INFO_AET and POLICY_INFO_ARC tables
D. The deleted rows are moved from POLICY_INFO_AET table to POLICY_INFO_ARC table during theREORG

Answer: D

NEW QUESTION 94
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 95
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 96
Which SQL statement will retrieve the department number (WORKDEPT)
and the highest salary (SALARY) for each department in a table
named EMPLOYEE and arrange the result set in ascending order by department?

A. SELECT workdept, salary FROM employee GROUP BY workdept ORDER BY workdept;
B. SELECT workdept MAX(salary) FROM employee ORDER BY workdept GROUP BY 2;
C. SELECT workdept MAX(salary) FROM employee ORDER BY workdept;
D. SELECT workdept MAX(salary) FROM employee GROUP BY workdept ORDER BY 1;

Answer: B

NEW QUESTION 98

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 103
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 105
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 107
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 109
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 111
Which of the following can be defined on the basis of a query?

A. An alias
B. A base table
C. An accelerator-only table
D. A materialized query table

Answer: D

NEW QUESTION 112
Which of the following is NOT a valid trigger?

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

Answer: A

NEW QUESTION 114
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 115
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 119
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 124
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 125
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 130
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 134
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 139
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 140
What is the implicitly created column in a base table which contains an XML column called?

A. Node ID
B. ROWID
C. LOCATOR
D. DOCID

Answer: B

NEW QUESTION 144
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 148
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 150
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 151
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 155

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 160
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