



**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 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))||6|2)t,0')||11") FROM SYSIBM.SYSDUMMY1;
- D. SELECT TIMESTAMPDIFF(64, CHAR( CURRENT TIMESTAMP - TIMESTAMP('2016-01-01-00.00.00')) FROM SYSIBM.SYSDUMMY1;

**Answer: A**

#### NEW QUESTION 3

Which of the following utilities or utility control statements require datasets for execution?

- A. LISTDEF
- B. OPTIONS
- C. TEMPLATE
- D. CHECK LOB

**Answer: A**

#### NEW QUESTION 4

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 5

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 6

When you add an XML column to a table by using an ALTER TABLE statement, which of the following are TRUE? (Choose two)

- A. DB2 implicitly creates an XML table space
- B. DB2 implicitly creates an AUX table to store the XML data
- C. If this is the first XML column you created for the table, DB2 implicitly creates a unique index on the XML column
- D. If this is the first XML column you created for the table, DB2 implicitly creates a ROWID column on the base table
- E. If this is the first XML column you created for the table, DB2 implicitly creates a BIGINT node ID column on the base table

Answer: DE

#### 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

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 10

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 10

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 13

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 14**

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 18**

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 19**

Which job generates the subsystem parameter module?

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

**Answer: C**

**NEW QUESTION 23**

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 24**

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 26**

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 29**

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 the REORG

**Answer: D**

#### NEW QUESTION 31

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 32

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 34

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 35

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 40**

The PERIOD BUSINESS\_TIME clause on a DDL statement is used in which of the following? (Choose two)

- A. A bitemporal table
- B. A system-period temporal table
- C. A created global temporary table
- D. A declared global temporary table
- E. An application-period temporal table

**Answer:** CD

**NEW QUESTION 42**

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 45**

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 47**

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 48**

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 52**

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 53**

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 56**

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 57**

DB2 native SQL procedures execute in which DB2 address space?

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

**Answer:** D

**NEW QUESTION 59**

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 60**

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 64**

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 69**

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 73**

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