

# **IBM C2090-556 Exam**

## **Volume A~B: 115 Questions**

### **Volume A**

1. A distinct user defined data type called "dollar" is created as follows:

```
CREATE DISTINCT TYPE dollar AS DOUBLE PRECISION;
```

When can you convert it to its base data type double precision?

- A. As long as no conversion rate is required.
- B. It may always be converted to its base data type.
- C. When a cast function exists between these two types.
- D. Only when the ALLOW\_BASE\_CAST attribute is used when creating the type.

Answer: C

2. Which SQL statement is used in an Informix ESQL/C application to return diagnostic information about the most recently executed SQL statement?

- A. GET DIAGNOSTICS
- B. DESCRIBE
- C. UPDATE STATISTICS
- D. GET DESCRIPTOR

Answer: A

3. What environment variable should be set in an .NET application's environment to enable tracing?

- A. INFXNETTRACE
- B. DOTNETTRACE
- C. INFDOTNETTRACE
- D. IFXDOTNETTRACE

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Answer: D

4. Table stock with columns stock\_num, manu\_code and price has following four rows in it

stock_num	manu_code	price
1	HRO	20
1	HRO	15
1	HSK	35
1	SMT	10

stock_num	manu_code	quantity
1	HRO	5
1	HRO	1
1	HSK	2
1	SMT	1

How many rows will be returned by the following query?

```
SELECT stock_num, manu_code FROM stock
WHERE price < 25.00
UNION ALL
SELECT stock_num, manu_code FROM items
WHERE quantity > 3
```

- A. 4
- B. 2
- C. 6
- D. 3

Answer: A

5. Which IBM Informix .NET Provider statement is NOT true?

- A. It works only with Informix.
- B. It uses the SQLI protocol to communicate with Informix.
- C. It uses the DRDA protocol to communicate with Informix.
- D. Its Connection Lifetime attribute specifies how long a connection can remain open.

Answer: C

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6. What is the default isolation level in a non-ANSI-complaint logged database?

- A. DIRTY READ
- B. COMMITTED READ
- C. CURSOR STABILITY
- D. REPEATABLE READ and CURSOR STABILITY

Answer: B

7. Which Stored Procedure Language (SPL) statement is used to write debugging information to a file?

- A. TRACE
- B. RAISE EXCEPTION
- C. DEBUG\_FILE
- D. LOG

Answer: A

8. Given the attached exhibit, what isolation level should Mary use to ensure that she does not see an inconsistent balance across her savings and checking accounts?

- A. REPEATABLE READ
- B. CURSOR STABILITY
- C. DIRTY READ LAST COMMITTED
- D. COMMITTED READ LAST COMMITTED

Answer: A

9. What does the UNION operator do?

- A. The same as the UNION ALL operator.

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- B. Combine two regular tables into one.
- C. Combine two result sets, eliminating duplicates.
- D. Combine two columns into one, eliminating duplicates.

Answer: C

10. What is the syntax to query a table that resides on a remote Informix database?

- A. database@server:[owner.]table
- B. database@server:databasename:[owner.]table
- C. database@server:user:password:[owner.]table
- D. database@server:databasename:user:password:[owner.]table

Answer: A

11. Which statement about Dirty Read (Read Uncommitted) isolation levels is correct?

- A. It prevents the phantom read phenomenon.
- B. It does not check whether there is any lock on the required rows.
- C. It places a shared lock on the row that is being read and releases it when the next row is locked.
- D. It does not place a lock on the row that it is reading, but does check if any lock is placed on them.

Answer: B

12. Where are the UNION and UNION ALL operators in subqueries supported?

- A. In the definition of a view.
- B. In the event or in the action clause of a trigger.
- C. In the FOR UPDATE clause or in an Update cursor.

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D. In SELECT statements within the WHERE clause.

Answer: D

13. Which value can be used for connection type field from sql hosts file when using Secured Sockets Layer (SSL) protocol for Distributed Relational Database Architecture (DRDA) ?

A. drsocssl

B. drtlitcp

C. onsocssl

D. onsoctcp

Answer: A

14. When using IBM Informix JDBC Driver, which connection url should be used when making a connection using Informix SQLI protocol?

A. "jdbc:ids://hostname1:5021/storesdb:user=XXX;password=YYY"

B. "jdbc:db2://hostname1:5021/storesdb:user=XXX;password=YYY"

C. "jdbc:informixqli://hostname1:5021/storesdb:  
INFORMIXSERVER=myserver;user=XXX;password=YYY"

D. "jdbc:db2j:net://hostname1:5021/storesdb:user=XXX;password=YYY"

Answer: C

15. Which statement about casting is correct?

A. In most cases, you can explicitly cast a named row type to built-in data types without creating the cast.

B. When you create an opaque data type, the server automatically define template casts to handle conversions between the internal and external representations of the opaque data type.

C. You don't need create casts on distinct types to handle conversions between the new distinct data type and other data types in the database, the server takes care of that automatically.