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**Exam** : **C9050-042**

**Title** : Developing with IBM  
Enterprise PL/I

**Version** : Demo

1.The XMLCHAR builtin function provides the ability to do which of the following?

- A. Check XML for well-formedness
- B. Check XML for validity
- C. Create an XML buffer from a structure
- D. Read an XML file into a structure

**Answer: C**

2.Which of the following is a typical deadlock situation?

Situation 1:

Transaction A waiting for resource\_2 and Transaction B waiting for resource\_1 while resource\_1 is held by Transaction C and resource\_2 is held by Transaction B

Situation 2:

Transaction A waiting for resource\_1 and Transaction B waiting for resource\_2 while resource\_1 is held by Transaction B and resource\_2 is held by Transaction C

Situation 3:

Transaction A Waiting for resource\_2, Transaction B waiting for resource\_3, Transaction C waiting for resource\_1 ,while resource\_1 ,resource\_2 and resource\_3 are held by Transactions A, B and C respectively.

Situation 4:

Transaction B waiting for resource\_1 and Transaction C waiting for resource 2 while resource\_1 is held by Transaction C and resource\_2 is held by Transaction A

- A. Situation 1
- B. Situation 2
- C. Situation 3
- D. Situation 4

**Answer: C**

3.Requirement:

If the value of the numeric variable I is 1 it needs to be changed to 2 and vice versa. In all other cases it must remain unchanged.

Which of the following solutions meets the requirement and does not require essential structural modifications when the requirement is changed to the following: If the value of the numeric variable I is 512 it needs to be changed to 731 and if the value is 814 it needs to be changed to 5. In all other cases it must be set to 111.

A. IF I = 1 ! 1 = 2

THEN I = 3 - I;

B. DCL ONETWO(2) BIN FIXED(15) INIT(2,1);

IF I = 1! I = 2

THEN I = ONETWO(I);

C. SELECT (I);

WHEN(1) I = 2;

WHEN(2) I = 1;

OTHER;

END;

D. IF I = 1 THEN I = 2;  
IF I = 2 THEN I = 1;

**Answer: C**

4. Which of the following is LEAST likely to be performed by an online application?

- A. Checkpoint/restart logic
- B. Transaction processing
- C. End user interaction
- D. Sorting

**Answer: A**

5. Which of the following PL/I features is NOT new with Enterprise PL/I?

- A. VALUE attribute for named constants.
- B. UNIONS or CELLS to assign identical storage to different variables.
- C. Writing numeric constants with the underscore sign as a separator.
- D. Using hexadecimal constants.

**Answer: D**