



# C6030-042<sup>Q&As</sup>

Developing with IBM Enterprise PL/I

## Pass IBM C6030-042 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.pass4itsure.com/c6030-042.html>

100% Passing Guarantee  
100% Money Back Assurance

Following Questions and Answers are all new published by IBM Official Exam Center

-  **Instant Download** After Purchase
-  **100% Money Back** Guarantee
-  **365 Days** Free Update
-  **800,000+** Satisfied Customers



**QUESTION 1**

Which of the following compiler options should be checked first when addressing performance issues in a PL/I program?

- A. RENT and MAXMEM
- B. ARCH and MAXSTMT
- C. OPT and DEFAULT
- D. ATTRIBUTES and LIST

Correct Answer: C

---

**QUESTION 2**

Which of the following is the most appropriate way of avoiding a recursive deadlock?

- A. Aborting the Transaction
- B. Setting a time limit on the runtime of the Transaction
- C. Partitioning the relevant Database
- D. Changing the program

Correct Answer: D

---

**QUESTION 3**

Which of the following best describes an atomic transaction?

- A. The database modifications must follow an `all or nothing` rule
- B. Only valid data will be written to database
- C. If one part of the transaction fails, the remainder may still be processed
- D. Referential Integrity is maintained in the database

Correct Answer: A

---

**QUESTION 4**

In a multithreading environment, when can a deadlock occur between two threads, if at all?

- A. When both access the same memory area



- B. When they are operating synchronously
- C. When they have both locked a resource that the other one requires
- D. It can never occur.

Correct Answer: C

---

### QUESTION 5

The following coding standards are enforced at a programming shop:

\*

All procedures must include a comment describing its function

\*

All automatic variables must be explicitly initialized when declared \* No nested IF statements (implement as SELECT)

Considering the following code, how many coding standard violations exist? CALL P1(1); /\* ----- proc

p1----- \*/

P1: PROC(I);

DCL I BIN FIXED(31);

DCL (J,K) BIN FIXED(31) INIT(0);

IF I = 1

THEN IF J = 2 THEN K = 3; ELSE K = 4; ELSE K = 5; END;

A. 1

B. 2

C. 3

D. 4

Correct Answer: B

---

### QUESTION 6

In the following example how many lines, if any, will be printed?

GRAPH: PROC OPTIONS(MAIN);

DCL I FIXED BIN (31);



```
DCL POINTS FIXED BIN (31);  
  
CALL INIT_POINTS;  
  
DO I = 1 TO 100;  
  
GET LIST(POINTS);  
  
CALL PLOT_NEXT(POINTS);  
  
END;  
  
INIT_POINTS: PROC;  
  
DCL I FIXED BIN (31);  
  
DCL POINTS(1000) FIXED BIN (31);  
  
DCL BAR CHAR (100) INIT((100)\ '*\') STATIC;  
  
DO I 1 TO 10;  
  
POINTS(I) = I;  
  
PUT SKIP LIST (POINTS(I),SUBSTR(BAR,1,I));  
  
END;  
  
RETURN;  
  
PLOT_NEXT: ENTRY(I);  
  
POINTS(I) = I;  
  
PUT SKIP LIST(POINTS(I),SUBSTR(BAR,1 I));  
  
END;  
  
END GRAPH;
```

- A. 10
- B. 100
- C. 110
- D. It is unpredictable as the program will fail.

Correct Answer: D

---

### QUESTION 7

Given the following code:

```
DCL INDATA FILE RECORD INPUT;
```



```
DCL INSTRU CHAR(100);  
DCL EOF BIT(1) INIT(\0\B);  
ON ENDFILE(INDATA) EOF = `1\B`;  
OPEN FILE(INDATA);  
READ FILE(INDATA) INTO(INSTRU);  
DO WHILE (^EOF);  
CALL SR_PROCESS;  
READ FILE(INDATA) INTO(INSTRU);  
END;  
CLOSE FILE(INDATA);
```

If the database (input file) changes from OS-PS to DB2 view and the necessary syntax has been changed accordingly, which of the following DB2-related steps is NOT additionally required to guarantee the same level of stability and functionality?

- A. Check the SQLCODE after each EXEC SQL FETCH statement.
- B. Check the SQLCODE after each EXEC SQL OPEN / CLOSE statement.
- C. Set the EOF bit to `1\B`, if SQLCODE = 100 (not found).
- D. Check the CURRENT SQLID.

Correct Answer: D

---

### QUESTION 8

Given the following code, what will happen?

```
DCL(K, L) FIXED DEC (1);  
K= 1;  
L = 2;  
PUT SKIP LIST (12+K/L);
```

- A. The output is 12.5.
- B. The program ends abnormally at runtime.
- C. The resulting value is 6.5.
- D. The output is 12.499999999999999.



Correct Answer: B

---

#### QUESTION 9

If there is a direct read access to a data object with a unique key (e.g., DB2-SELECT, IMS-GU, ...), which of the following return codes is possible?

- A. OK, not found, database not available
- B. OK, endfile, not found
- C. OK, duplicate key, database not available
- D. OK, endfile, database not available

Correct Answer: A

---

#### QUESTION 10

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

Correct Answer: A

---

#### QUESTION 11

Given the following code example, what is the value of A after the last CALL to ADD\_RUT? PGM2: PROC

```
OPTIONS(MAIN,REENTRANT) REORDER;
```

```
DCL A BIN FIXED (15);
```

```
A =1
```

```
CALL ADD_RUT (A);
```

```
CALL ADD_RUT (A);
```

```
CALL ADD_RUT (A);
```

```
ADD_RUT: PROC (VAL);
```

```
DCL VAL DEC FIXED (15);
```



```
VAL = VAL + 1;  
END ADD_RUT;  
END PGM2;
```

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

Correct Answer: D

---

#### QUESTION 12

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

Correct Answer: C

---

#### QUESTION 13

A PL/I program performance analyzer can best help identify which of the following?

- A. Adequate code coverage
- B. Changes needed to database tables
- C. CPU hotspots and elapsed time percentages by procedure
- D. Incorrect program logic

Correct Answer: C

---

#### QUESTION 14

A dummy argument is NOT created when a routine is called in which of the following situations?

- A. With a constant as parameter
- B. With the attributes(s) of the arguments and parameters are not the same



- C. Where the attributes(s) of the arguments and parameters are the same
- D. Using SUBSTR as one of the arguments

Correct Answer: C

---

#### QUESTION 15

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;

Correct Answer: C

[C6030-042 Practice Test](#)

[C6030-042 Study Guide](#)

[C6030-042 Braindumps](#)