C6030-042^{Q&As}

Developing with IBM Enterprise PL/I

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QUESTION 1

When a program reads a variable record format dataset via LOCATE mode, what happens?

A. READ pointer points to the length bytes in the buffer.

B. READ pointer points to first data byte in the buffer.

C. READ data is placed in specified area.

D. The ENDFILE condition is never raised.

Correct Answer: B

QUESTION 2

A junior programmer has written a 3000 statement program and has asked the team lead for help in determining how to review it. Which of the following is the most appropriate response for the team lead?

A. Provide the programmer with a list of programming standards.

B. Request that the programmer set up an informal walkthrough with key members of the team.

C. Inform the programmer that a review is not necessary.

D. Ask the programmer to compile it and run some tests to see if it can be broken.

Correct Answer: B

QUESTION 3

WIDECHAR can be converted to CHAR. Which rule has to be observed?

A. Each WIDECHAR value has to be less than `0080\\'WX, otherwise CONVERSION is raised.

B. All WIDECHAR values can be converted to CHAP using the appropriate builtin function.

C. Each WIDECHAR value has to be less than or equal to `00FF\\'WX, otherwise CONVERSIONis raised.

D. By conversion of WIDECHAR to CHAR the left byte is omitted.

Correct Answer: A

QUESTION 4

Which of the following is NOT a builtin subroutine which supports Logical Unit of Work?

A. PLICKPT

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B. PLILUW

C. PLIREST

D. PLICANC

Correct Answer: B

QUESTION 5

Given the following declarations, which is the WORST way of setting D from 5? DCL 1 S,

2 A(100) CHAR(1),

2 B(100) CHAR(2),

2 C(100) CHAR(3);

S = ";

DCL D CHAR(600);

DCLI BIN FIXED(31);

A. D = STRING(S);

B. CALL PLIOVER(ADDR(D)ADDR(S),600);

C. DO I = 1 TO 100;SUBSTR(D,I,1) = S.A(I);SUBSTR(D,1 01 + ((I-1) *2),2) =

D. B(I);SUBSTR(D,301 + ((I-1) *3),3) = S.C(I);END;

E. D = STRING(A) !! STRING(S) !! STRING(C);

Correct Answer: C

QUESTION 6

Which of the following may be an advantage of the BEGIN OPTIONS (INLINE) statement?

A. The program runs faster because all variables declared inside the BEGIN block are already allocated when the block containing the BEGIN block is entered.

B. The code runs faster because more variables will be optimized in the BEGIN block.

C. The program uses less stack storage.

D. The program uses less heap storage.

Correct Answer: A

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QUESTION 7

Which PL/I builtin function can be used to get the system return code from a called program (including non-PL/I languages)?

A. PLIRETC

B. PLIRETV

C. PLIREST

D. PLISTRA

Correct Answer: B

QUESTION 8

A programmer has submitted the following declaration for review. What feedback should be provided to

the programmer?

DCL 1 A,

2 B DIM (1000) FIXED BIN (31) INIT (0),

2 C DIM (1000) FIXED BIN (15) INIT (0);

A. The code is good as written.

B. A is incorrectly initialized and the code must be changed.

C. Discuss with the programmer how many elements of the arrays need to be initialized.

D. The declaration of A should be changed because the current declaration contains padding bytes.

Correct Answer: C

QUESTION 9

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 10

In which of the following examples will a dummy argument be passed?

A. DCLA EXT ENTRY;DCL (X,Y) FIXED BIN;CALL A(X,Y);

B. DCL A EXT ENTRY (FIXED, BINARY);DCL (X,Y) FIXED BIN;CALL A(X,Y);

C. DCL A EXT ENTRY (FIXED BINARY);DCL (X,Y) FIXED BIN;CALL A(X,Y);

D. PGM: PROC OPTIONS(MAIN);DCL (X,Y) FIXED BIN;CALL C (X,Y);

E. PROC (A,B);DCL (A,B) BIN FIXED;END C;END PGM;

Correct Answer: B

QUESTION 11

Which software quality describes the ability of software to cooperate with other applications?

A. Reusability

B. Interoperability

C. Scalability

D. Portability

Correct Answer: B

QUESTION 12

A file containing FIXED BINARY fields that is written by a PL/I program on Intel Architecture is to be read by PL/I programs on Intel Architecture and on the mainframe. What must be changed in the program which reads the file on Intel architecture, if anything, for it to work correctly when it runs on the mainframe?

A. The program must declare the FIXED BINARY fields with the attribute NATIVE.

B. The program must declare the FIXED BINARY fields with the attribute LITTLEENDIAN.

C. The program must declare the FIXED BINARY fields with the attribute BIGEND IAN.

D. Nothing needs to be changed.

Correct Answer: B

QUESTION 13

Given the following statements, where will the variables A, B and C be allocated?

DCL A FIXED;

DCL B CHAR(80) BASED(P);

DCL C CHAR(1000) CONTROLLED;

DCL D AREA(1000);

DCL P PTR STATIC;

ALLOC C;

ALLOC B IN(D);

A. A in STACK, B and C are in HEAP

B. A in HEAP, Band C are in STACK

C. A and B are in STACK, C in HEAP

D. A in STACK, B in STATIC, C in HEAP

Correct Answer: C

QUESTION 14

Which of the following is generally NOT an area of concern when calling a program written in another language from PL/I?

A. Storage management

B. Acceptable calling conventions

C. Data mapping

D. Condition handling

Correct Answer: A

QUESTION 15

Given the following pseudocode inside a loop, where should the COMMIT action be placed assuming that there is always a one-to-many relationship between header and detail tables? 1 Find header row 2 IF found 3 Update header row 4 Find detail row 5 IF found THEN 6 Update detail rows 7 ELSE 8 ENDIF 9 ENDIF

A. Afterline 3

B. Afterline 6

C. Afterline 8

D. After lines 3, 8, and 9

Correct Answer: C