

C6030-042^{Q&As}

Developing with IBM Enterprise PL/I

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QUESTION 1

Given the following code, what are the default attributes of DSET1 after the READ statement?

```
DCL DATA CHAR (80);
```

```
DCL DSET1 FILE;
```

```
READ FILE(DSET1) INTO(DATA);
```

- A. SEQUENTIAL RECORD INPUT
- B. STREAM INPUT
- C. DIRECT INPUT
- D. KEYED RECORD INPUT

Correct Answer: A

QUESTION 2

Which of the following runtime options should be reviewed when attempting to improve performance in a PL/I program?

- A. DEPTCONDLMT, INFMSGFILTER, MSGFILE and RPTOPTS
- B. TRACE, TRAP, CHECK and DEBUG
- C. ALL31, STORAGE, HEAP and STACK
- D. ERRCOUNT, LIBSTACK, HEAPPOOLS and XPLINK

Correct Answer: C

QUESTION 3

Given the following declarations, which statement correctly refers to X? DCL R CHAP(10);

```
DCLX CHAR(10) BASED;
```

```
DCL P PTR;
```

```
DCLZ CHAR(10);
```

```
P = ADDR(R);
```

- A. Z = P -> X;
- B. P = ADDR(X);
- C. Z = X;

D. X=\\THIS IS X\\;

Correct Answer: A

QUESTION 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

Correct Answer: A

QUESTION 5

Given the following code, what measure will improve stability?

```
S1: PROC (I) RETURNS(CHAR(10));
```

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

```
DCL T (-1:1) CHAR(10) INIT(\\NOTFOUND\\', `OK\\'.\\ENDFILE\\'); RETURN(T(I));
```

```
END S1;
```

- A. Check the length of the RETURN value.
- B. Check I for valid numeric data.
- C. Check, if the value of I is within T\\'s bounds.
- D. Check, if the value of I is positive.

Correct Answer: C

QUESTION 6

What happens after executing the following code, assuming the input file has more than 1 record?

```
DCL INPFILE FILE RECORD INPUT ENV(VB RECSIZE(100)); DCL P PTR; DCL B CHAR(100) VARYING  
BASED(P);
```

```
DCLC CHAR(110) VARYING BASED(P);
```

```
READ FILE(INPFILE) SET(P);
```

C=B!! \\EXTENDED

READ FILE(INPFILE) SET(P);

- A. Two records are read.
- B. The results are unpredictable.
- C. Protection exception because of the reference to B.
- D. ENDFILE condition is raised on the second read.

Correct Answer: B

QUESTION 7

The Senior Vice President of the organization is onsite for a one day visit. She has asked for a meeting with the team lead to understand the status of the project. Which of the following is the most appropriate action for the team lead to take?

- A. Walk her through the functional specification for the application
- B. Show her the most important APIs that have been defined
- C. Show the requirements specification as a way for her to understand the project
- D. Take her through the project plan

Correct Answer: D

QUESTION 8

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 9

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

Correct Answer: A

QUESTION 10

Which of the following compile list sections would be used to find the location of a static variable in a dump?

- A. Attribute/Xref Table
- B. Source Listing
- C. Table of Offsets and Statement Numbers
- D. Storage Offset Listing

Correct Answer: D

QUESTION 11

Given the following code, which condition would be raised first (if ENABLED)?

```
DCL A(50000) CHAR (8);
```

```
DCL I BIN FIXED (31);
```

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

```
DCI = 1 TO 100_000;
```

```
J = I;
```

```
A(J) = I;
```

```
END;
```

- A. SIZE
- B. FIXEDOVERFLOW
- C. SUBSCRIPTRANGE
- D. CONVERSION

Correct Answer: A

QUESTION 12

A mainframe project is behind schedule and a project leader has only one copy of a PC-based PL/I compiler available for distribution to team members who are all eager to use it. Optimally, to whom should it be provided first?

- A. The person in the critical path
- B. The person who does the most PL/I development
- C. The person who makes the greatest demand
- D. The project leader and her manager

Correct Answer: A

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

Given the following declarations, a list of 100 elements must be created so that the element created last can be accessed as the first element of the list. A new element is always inserted in front of the element created before. The variable NEXT in the last element should contain the value NULL. Which of the following pieces of code implements this?

```
DCL 1 NODE BASED (ANCHOR).
```

```
2 NEXT POINTER,
```

```
2 DATA FIXED BIN (31);
```

```
DCL ANCHOR POINTER;
```

```
DCL P POINTER INIT (NULL());
```

```
DCL I FIXED BIN(31);
```

- A. DO I = 1 TO 100;ALLOCATE NODE;NODE.DATA = I;NODE.NEXT = P;P = ANCHOR;END;
- B. DO I = 1 TO 100;P = ANCHOR;ALLOCATE NODE;NOTE.DATA = I;NODE.NEXT = P;END;

C. I = 1 TO 100;ALLOCATE NODE;NODE.DATA = I;NODE.NEXT = P;ANCHOR = P;END;

D. DO I = 1 TO 100;NODE.DATA = I;NODE.NEXT = P;ALLOCATE NODE;P = ANCHOR;END;

Correct Answer: A

QUESTION 15

A member of the team points out to the lead developer that there appears to be an error in the program the lead developer has created. Which of the following is the most appropriate response from the lead developer?

- A. Thank the programmer, indicating the code will be revised and provided to the team for review.
- B. Thank the programmer, asking for details about the error and discussing the solution with him.
- C. Thank the programmer, saying the program will be checked but asking him to check that the error is not in his program.
- D. Thank the programmer, indicating there is not time to correct the code and requesting that he do so.

Correct Answer: B

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