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Vendor:IBM

Exam Code:C6030-042

Exam Name:Developing with IBM Enterprise PL/I

Version:Demo

QUESTION 1

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 2

What characterizes the hierarchical data model with respect to data access?

- A. Data access supports parent-child relationships.
- B. Data access supports tables.
- C. Data access can only be sequential.
- D. Data access can only be via an index.

Correct Answer: A

QUESTION 3

In which of the following cases is a performance analyzer tool NOT useful?

- A. To time and tune programs
- B. To locate program hangs and deadlocks
- C. To show the frequency and duration of function calls
- D. To identify the code causing a storage overlay

Correct Answer: D

QUESTION 4

The following program was written to copy a dataset with record length of 100 to another dataset. If this requirement has not been fulfilled, which is the most likely reason?

```
DCL DDIN FILE RECORD INPUT;  
DCL DDOUT FILE RECORD OUTPUT;  
DCL INSTRUC CHAR(100);  
DCL EOF_IN BIT(1) INIT(\0\B);  
ON ENDFILE(DDIN) EOF_IN = `1\B`;  
DO UNTIL (EOF_IN);  
READ FILE (DDIN) INTO(INSTRUC);  
WRITE FILE(DDOUT) FROM(INSTRUC);  
END;
```

- A. The code fulfills the requirement.
- B. The code does not fulfill the requirement because the input structure is the same as the output structure.
- C. The code does not fulfill the requirement because the OPEN statements are missing.
- D. The code does not fulfill the requirement because too many records will be written to the output dataset.

Correct Answer: D

QUESTION 5

What is a program specification document?

- A. A description of what the program does and how it can be used
- B. A description of how the program does its work
- C. The pseudocode of the program
- D. The history of changes of the program and how it was used

Correct Answer: A

QUESTION 6

The following code is supposed to find the earlier date between today's date and the given input date which is input to the program in YYYYMMDD format. What happens when the program is executed?

DCL DATE JN CHAR (8);

DCL DATE_MIN CHAR (8);

GET (DATE IN);

DATE_MIN = MIN(SUBSTR(DATETIME(), 1, 8), DATE IN);

- A. The program ends abnormally at runtime.
- B. The statement works as intended.
- C. The resulting value consists of 8 blanks.
- D. The resulting value consists of a mixing of numbers and blanks.

Correct Answer: C

QUESTION 7

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 8

What could be used when a structure is passed to a subroutine to verify that the area the structure occupies in storage has not been overwritten?

- A. Structure is passed as a pointer.
- B. Structure has eyecatchers at start and at end.
- C. Structure has a length field at start.
- D. Structure is passed as an aggregate.

Correct Answer: B

QUESTION 9

It becomes apparent that the deadline to implement and test all the functions required for an application is at risk. Which of the following is the best course of action?

- A. Inform management that more people are required.
- B. Inform management that some functions will not have been tested when the system is implemented.
- C. Inform management that the deadline has to be changed.
- D. Inform the team and the sponsor about the problem and discuss possible solutions.

Correct Answer: D

QUESTION 10

An online, non-conversational main program (for CICS or IMS) contains all of the logic for a one- screen (MAP or FORMAT) application. Which of the following will NOT be required?

- A. Code that opens all needed databases
- B. Code which does all necessary initializations
- C. Code which determines the situation to be applied for the current program execution
- D. Code for each situation

Correct Answer: A

QUESTION 11

What will be printed after the following statements?

DCL B BIT(5); B = 1; PUT(B);

A. `00001\\'B

B. `00010\\'B

C. `11111\\'B

D. `10000\\'B

Correct Answer: B

QUESTION 12

Input to a SORT routine requires the starting position of each field to be sorted. Which of the following calculates a value of 5 for field B?

DCL 1 S,

2 A CHAR(4),

2 B BIN FIXED(31);

A. POINTERDIFF(ADDR(S), ADDR(S.B))

B. POINTERDIFF(ADDR(S.B), ADDR(S))

C. POINTERDIFF(ADDR(S.B), ADDR(S)) + 1

D. POINTERDIFF(ADDR(S), ADDR(S.B)) + 1

Correct Answer: C