



Vendor: IBM

Exam Code: C6030-041

Exam Name: Programming with IBM Enterprise PL/I

Version: DEMO

QUESTION 1

What is the value of B after executing the following code?

```
DCL A CHAR(10) VAR;  
DCL B BIN FIXED(31) INIT(0);  
DCL C CHAR(5) INIT('ABCD');  
A = C;  
B = LENGTH(A);
```

- A. 10
- B. 7
- C. 5
- D. 4

Answer: C

QUESTION 2

Which of the following is a BIN FIXED constant?

- A. '1000'
- B. 1E+03
- C. 1000
- D. 1000B

Answer: D

QUESTION 3

What is the most appropriate data type for a variable that is being used to represent numeric data in a printable form and at the same time can be used to perform arithmetic?

- A. BIN FIXED
- B. DEC FIXED
- C. CHAR
- D. PICTURE

Answer: D

QUESTION 4

What is the most appropriate declaration for the variable A? A = 'ABCDEF';

- A. DCL A BIN FIXED(15);
- B. DCL A CHAR(6);
- C. DCL A DEC FIXED (15,3);
- D. DCL A PIC '999999';

Answer: B

QUESTION 5

Which of the following would NOT access the third element of A?

```
DCL 1 XY(5),  
2 A(4) CHAR(4);
```

- A. XY(1,3).A
- B. XY.A(1,3)
- C. XY(1).A(3)
- D. XY(3).A(1)

Answer: D

QUESTION 6

Given the following code, what can be said about the scope of the variables in procedure P?

```
P: PROCEDURE;  
B: BEGIN;  
DCL K FIXED BIN (15);  
END B;  
D: DO;  
DCL S CHAR (10);  
END D;  
END P;
```

- A. Variable S is known in the entire procedure.
- B. Variable K is known in the entire procedure.
- C. Variable S is not known in block B.
- D. Variable K is known in group D.

Answer: A

QUESTION 7

What will be output by the following program?

```
TEST: PROC OPTIONS(MAIN);  
DCL A CONTROLLED FIXED BIN(31);  
ALLOC A;  
ALLOC A;  
CALL SUB(A);  
PUT SKIP LIST( ALLOCN(A) );  
SUB: PROC( B );  
DCL B CONTROLLED FIXED BIN(31);  
FREE B;  
ALLOC B;  
ALLOC B;  
FREE B;  
ALLOC B;  
END;  
END;
```

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

D. 5

Answer: B

QUESTION 8

What is the value of A after executing the following code?

```
DCL A CHAR(6) INIT ('ABCDEF');  
DCL B CHAR(10) INIT ('0123456789');  
A = SUBSTR(B, 5, 3);
```

- A. '456 '
- B. ' 456'
- C. '456DEF'
- D. 'ABC456'

Answer: A

QUESTION 9

What does the following code do, if anything?

```
RELEASE U;
```

- A. Release the memory used by the program U
- B. Reloads the program U into the memory
- C. Closes the file U
- D. Nothing because there is a syntax error.

Answer: A

QUESTION 10

What is the result, if any, of executing the following code?

```
DCL A BIT(1) INIT('0'B);  
DCL B BIT(1) INIT('0'B);  
DCL C BIT(1) INIT('1'B);  
A = B ! C;
```

- A. The value of A is '0'B
- B. The value of A is '1'B.
- C. The value of A is unpredictable.
- D. There is no result, because the syntax is wrong.

Answer: B

QUESTION 11

What does BX.WOK.LOAD refer to in the following job control statement?

```
//ACCOUNT DD DSN=BX.WOK.LOAD, DISP=SHR
```

- A. It is the connection between program and dataset.
- B. It is the physical dataset name.
- C. It is the logical dataset name.
- D. It is the name which must be referred to in the program.

Answer: B

QUESTION 12

What will be printed when the following subroutine is called for the third time?

```
A : PROC;  
DCL X PIC '9' INIT(0);  
X = X + 1;  
PUT SKIP LIST ('THE VALUE OF X IS :!!X);  
X = X + 1;  
END A;
```

- A. THE VALUE OF X IS :1
- B. THE VALUE OF X IS :2
- C. THE VALUE OF X IS :3
- D. THE VALUE OF X IS :5

Answer: A

QUESTION 13

Given the following code, with what attribute should the variable EOF be declared?

```
DO WHILE (^EOF);
```

- A. FIXED BIN (7)
- B. BIT (1)
- C. CHAR (1)
- D. FIXED DEC (3)

Answer: B

QUESTION 14

Which is the most appropriate code to turn all of the bits in A ON?

```
DCL A BIT(8);
```

- A. A = 255;
- B. A = '11111111'B;
- C. A = 11111111B;
- D. A = -1;

Answer: B

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