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Exam : **A6030-041**

Title : **Assessment: Programming
with IBM Enterprise PL/I**

Version : **DEMO**

1.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.

Correct:B

2.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.

Correct:B

3.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

Correct:A

4.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)

Correct:B

5.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;

Correct:B

6.What changes should be made, if any, to the following code? DCL A CHAR(100) BASED(P); DCL P PTR; READ FILE(DDIN) INTO(A);

- A.READ FILE(DDIN) SET(A);
- B.READ FILE(DDIN) INTO(P);
- C.READ FILE(DDIN) SET(P);
- D.No changes necessary because the code is correct.

Correct:C

7.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

Correct:C

8.Which of the following is a BIN FIXED constant?

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

Correct:D

9.Which of the following is NOT a valid method to activate a BEGIN block?

- A.A condition is signaled and the BEGIN block is a component of the corresponding ON unit.
- B.Sequential program flow approaches the BEGIN block.
- C.The BEGIN block is labeled and a GOTO addresses this label.
- D.The BEGIN block is labeled and a CALL addresses this label.

Correct:D

10.Which is the most appropriate data type declaration for the variable A in the following expression, if A is used as a counter? A = A + 1;

- A.CHAR
- B.BIN FIXED
- C.FLOAT
- D.PIC

Correct:B

11.Given the following code, what SELECT code is NOT equivalent? DCL (C, W, V) CHAR (1); ... SELECT (C); WHEN ('A', 'B') PUT ('1'); WHEN ('C') PUT ('2'); WHEN (W) PUT ('3'); WHEN (V) PUT ('4'); OTHER PUT ('0ther'); END;

- A.SELECT (C); WHEN ('C') PUT ('2'); WHEN ('A', 'B') PUT ('1'); WHEN (W) PUT ('3'); WHEN (V) PUT ('4'); OTHER PUT ('0ther'); END;
- B.SELECT (C); WHEN ('A', 'B') PUT ('1'); WHEN ('C') PUT ('2'); WHEN (V) PUT ('4'); WHEN (W) PUT ('3'); OTHER PUT ('0ther'); END;
- C.SELECT (C); WHEN ('B', 'A') PUT ('1'); WHEN ('C') PUT ('2'); WHEN (W) PUT ('3'); WHEN (V) PUT ('4'); OTHER PUT ('0ther'); END;
- D.SELECT (C); WHEN ('A') PUT ('1'); WHEN ('B') PUT ('1'); WHEN ('C') PUT ('2'); WHEN (W) PUT ('3'); WHEN (V) PUT ('4'); OTHER PUT ('0ther'); END;

Correct:B

12.Which of the following describes when a program is NOT FETCHABLE?

- A.When the main program need not be recompiled to reflect the changes made in the called program
- B.When the called program will be loaded from the library at execution time
- C.When the called program is part of the main program in the load module
- D.When two main programs referring to the called program at the same time cannot have different versions of the called program

Correct:C

13.Which is the impact, if any, of LIKE in the following code? DCL 1 XY, 2 A CHAR(4), 2 B BIN FIXED(31); DCL 1 YZ LIKE XY;

- A.XY.A is always the same as YZ.A.
- B.YZ is exactly the same structure as XY but with its own storage.
- C.YZ is based on the structure XY.
- D.There is no impact, because LIKE is a syntax error.

Correct:B

14.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

Correct:D

15.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';

Correct:B

16.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)

Correct:D

17.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.

Correct:A

18.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

Correct:B

19.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'

Correct:A

20.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.

Correct:A