Exam Code: 000-268

Exam Name: Rpg iv with ile

Vendor: IBM

Version: DEMO

Part: A

1: Review the following sample subfile:

```
+---------------------+
| Option     Data        |
| ------    ---------       |
|   | |      Record 1      |
|   | |      Record 2      |
|   |X|     Record 3      |
|   | |      Record 4      |
+---------------------+
```

The SFLNXTCHG keyword was inactive when Record 1 was written and active when each subsequent subfile record was written.   The operator has entered the "X" in the option field for Record 3.   Which subfile record will be read when the next READC operation is performed on the subfile?

A.1

B.2

C.3

D.4

Correct Answers: B

2: Given the following code segment:

```
AAN01N02 N03T.Name++++++RLen++TDpBLinPosFunctions+++++++++++++++++
A              R D1SF                        SFL
A                  OPTNBR         1A   B 10   3
A                  SCNDTA        50A  O 10   7
A              R D1SC                      SFLCTL(D1SF)
A   79                                 SFLDSP
A   81                                 SFLDSPCTL
A                                        SFLSIZ(1000)
A                                        SFLPAG(0011)
A                                     9   2'Opt    Data
```

What DDS keyword needs to be added to this code segment to remove all of the records from the subfile?

A.SFLCLR

B.SFLDLT

C.SFLRMV

D.SFLINZ

Correct Answers: A

3: Given the following code segment:

| 0001.00 | D DateField | S | | D | DATFMT(*ISO) |
| 0002.00 | D CharField | S | | 6A | INZ('040696') |

0003.00   C   *MDY   MOVE   CharField   DateField

This code will not compile.   Which of the following changes will allow a successful compile?

A.Change line 0001.00 to: D DateField   S   D   DATFMT(*MDY)

B.Change line 0003.00 to: C   *MDY0   MOVE   CharField   DateField

C.Change line 0003.00 to: C   *MDY   MOVE(D)   CharField   DateField

D.Change line 0003.00 to: C   *ISO   MOVE   CharField   DateField

Correct Answers: B

4: Given the following code segment:

CL0N01Factor1+++++++Opcode(E)+Factor2+++++++Result++++++++Len++D+HiLoEq

C   CODE   CASEQ   1   SRONE

C   CODE   CASEQ   2   SRTWO

C   CAS   SRTHREE

C   END

Which of the following code segments will perform the equivalent function?

A./FREE   Select CODE; WHEN = 1; ExSr SRONE; WHEN = 2; ExSr SRTWO; Other; ExSr SRTHREE; EndSl; /END-FREE

B./FREE   Select; WHEN CODE = 1; ExSr SRONE; WHEN CODE = 2; ExSr SRTWO; Other; ExSr SRTHREE; EndSl; /END-FREE

C./FREE   Select CODE; 1; ExSr SRONE; 2; ExSr SRTWO; Other; ExSr SRTHREE; EndSl; /END-FREE

D./FREE   Select WHEN CODE; Other; ExSr SRTHREE; EndSl; /END-FREE

E./FREE   Select WHEN CODE; 1; EndSl; /END-FREE

F./FREE   Select WHEN CODE; 1; ExSr SRONE; /END-FREE

G./FREE   Select WHEN CODE; 1; ExSr SRONE; 2;

H./FREE   Select WHEN CODE; 1; ExSr SRONE; 2; ExSr SRTWO;

I./FREE   Select WHEN CODE; 1; ExSr SRONE; 2; ExSr SRTWO; Other; Select WHEN CODE; 1; ExSr SRONE; 2; ExSr SRTWO; Other; ExSr SRTHREE; EndSl; 1; ExSr SRONE; 2; ExSr SRTWO; Other; ExSr SRTHREE; EndSl; /END-FREE ExSr SRONE; 2; ExSr SRTWO; Other; ExSr SRTHREE; EndSl; /END-FREE 2; ExSr SRTWO; Other; ExSr SRTHREE; EndSl; /END-FREE

Correct Answers: B

5: In the following code sample, file CUSSALES contains a record format CUSSALESR, with unique key fields CSCONO, CSCSNO and CSYEAR.

```
fcussales  if   e          k disk

d keycus        e ds                    extname(cussales:*key)

 /free

   cscono = 3;      // company
   cscsno = 100;    // customer
   csyear = 2003;   // year

   setgt %kds(keycus)     cussalesr;
   reade %kds(keycus: 2) cussalesr;

 /end-free
```

Assuming the READE operation is successful, which record is retrieved?

A.The first record with a company greater than 3

B.The first record for company 3, with a customer greater than 100

C.The first record for company 3, customer 100

D.The first record for company 3, customer 100 with a year greater than 2003

Correct Answers: D

6: Given the following expression:

$$TotalReturnPct = \left(\frac{SoldAmt + Dividends}{PaidAmt + Commissions} - 1 \right) * 100$$

Which /free form expression below is correct?

A./free   TotalReturnPct   = ((SoldAmt + Dividends) / (PaidAmt + Commissions) - 1) * 100;
/end-free

B./free   TotalReturnPct   = (SoldAmt + Dividends) / (PaidAmt + Commissions) - 1 * 100;
/end-free

C./free   TotalReturnPct   = (SoldAmt + Dividends / PaidAmt + Commissions - 1) * 100;
/end-free

D./free   TotalReturnPct   = ((SoldAmt + Dividends) / PaidAmt + Commissions - 1) * 100;
/end-free

Correct Answers: A

7: Given the following code segment:

```
d   CusInfo         ds                      dim(10) qualified
d      CusNum                      5   0
d      AmtDue                      7   2
d      OrdYTD                      7   2
d      OrdPrv                      7   2
```

How would the AmtDue subfield for the 5th element of the CusInfo array be referenced?

A.AmtDue(5)

B.CusInfo(5).AmtDue

C.CusInfo.AmtDue(5)

D.CusInfo(5).AmtDue(5)

Correct Answers: B

8: Given the following code segment:

```
DName++++++++++ETDsFrom+++To/L+++IDc.Keywords+++++++++++++++++++++++++++++++
D ObjNameDS       DS                   qualified
D  Lib                        10       Inz('*libl')
D  Name                       10       Inz('OBJA')

D PgmNameDS       DS                   LikeDS(ObjNameDS) Inz(*LIKEDS)
D Result          S           20

 /Free
    ObjNameDS.Lib = 'QGPL';
    PgmNameDS.Name = 'PGMA';
    Result = PgmNameDS;
 /End-Free
```

After this code runs, what is the value of Result?

A.'   OBJA   '

B.'*libl   PGMA   '

C.'QGPL   OBJA   '

D.'QGPL   PGMA   '

Correct Answers: B

9: Procedure PROC1 in a Service Program must be called passing to it a 5 position field.   Which of the following code segments will accomplish this task?

A.D AField   S   5A   C   CallPrc   'PROC1' C
Parm   AField

B.D AField   S   5A   C   Call   'PROC1' C
Parm   AField

C.D Proc1   PR D   MyField   5A D AField   S
5A C   CallP   Proc1(AField)

D.D Proc1   PR   ExtPgm('PROC1') D   MyField
5A D AField   S   5A C   CallP
Proc1(MyField)

Correct Answers: C

10: Given the following field definitions, if field mmddyy contains a date in MDY format, what is the correct syntax to populate DateFld with the content of mmddyy?

D mmddyy	S	6A		
D DateFld	S		D	Inz(D'2003-06-27')

DatFmt(*ISO)

A.DateFld = %Date(mmddyy: *MDY);

B.DateFld = %Date(mmddyy: *MDY0);

C.DateFld = %Date(mmddyy: *ISO);

D.DateFld = %Date(mmddyy: *ISO0);

Correct Answers: B

11: Given the following DDS for Physical file CATFILE:

```
A               R CATREC
A                 CATCOD          5S 0
A                 CATDES          20A
```

And the following code for Pgm1:

```
FCatFile    UF  A E              K DISK
D CategoryRec    E DS                     ExtName(CatFile)
C                    Read(E)   Emp
```

And the following code for Pgm2:

```
FCatFile    UF A E              K DISK
C                    Read(E)   Emp
```

What are the attributes of the CatCod field in both programs?

A.Packed Decimal 5,0 in both programs

B.Signed Numeric 5,0 in both programs

C.Packed Decimal 5,0 in Pgm1; Signed Numeric 5,0 in Pgm2

D.Signed Numeric 5,0 in Pgm1; Packed Decimal 5,0 in Pgm2

Correct Answers: D

12: A program needs to concatenate the 3 numeric fields shown below such that Phone# contains a string in the format aaabbbcccc, where aaa is the AreaCode field, bbb is the PhPrefix field and cccc is the PhNbr field.   All positions of Phone# must be filled with digits.

```
D AreaCode         S            3  0
D PhPrefix         S            3  0
D PhNbr            S            4  0
D Phone#           S            10A
```

Which of the following code segments would correctly accomplish this task in all circumstances?

A.EVAL Phone# = %Char(AreaCode) + %Char(PhPrefix) + %Char(PhNbr)

B.EVAL Phone# = %EditW(AreaCode: '0') + %EditW(PhPrefix: '0') + %EditW(PhNbr: '0')

C.EVAL Phone# = %EditC(AreaCode: 'X') + %EditC(PhPrefix: 'X') + %EditC(PhNbr: 'X')

D.EVAL Phone# = %Char(AreaCode: '0') + %Char(PhPrefix: '0') + %Char(PhNbr: '0')

Correct Answers: C

13:          Given   the   following   code   segment:

DName+++++++++++ETDsFrom+++To/L+++IDc.Keywords++++++++++++

```
D GetBalDue       PR
D   Balance                    11P 2
D   CustNo                     5S 0
D   Qty                        7P 0
D   Amount                     5P 2
D Balance         S            11P 2
D CustNo          S            5S 0
D OrdQty          S            7P 0
D Amt             S            5P 2
```

Which of the following contains correct syntax?

A.C   Eval   Balance = GetBalDue(CustNo : OrdQty :   C
Amt)

B.C   CallP   GetBalDue (Balance: CustNo : OrdQty :   C
Amt)

C.C   CallB   'GetBalDue'   C   Parm
Balance C   Parm   CustNo C
Parm   OrdQty C   Parm   Amt

D.C   CallP   'GetBalDue'   C   Parm
Balance C   Parm   CustNo C
Parm   OrdQty C   Parm   Amt

Correct Answers: B

14: An RPG source member containing subprocedures, will be compiled using the CRTBNDRPG command.   What value must be specified for the Default Activation Group parameter?

A.DFTACTGRP(*NO)

B.DFTACTGRP(*YES)

C.DFTACTGRP(QILE)

D.DFTACTGRP(*NONE)

Correct Answers: A

15: CL program PGMA, issues an OPNQRYF statement and then calls RPG program PGMB to process the results of the OPNQRYF. This combination was working until PGMB was recreated to run in a different Activation Group from PGMA.   Now PGMB does not see the results of the OPNQRYF statement.   Which of the following parameters added to the OPNQRYF statement would allow PGMB to see the correct OPNQRYF results again?

A.OVRSCOPE(*CALLLVL)

B.OPNSCOPE(*ACTGRPDFN)

C.OVRSCOPE(*ACTGRP)

D.OPNSCOPE(*JOB)

Correct Answers: D

16: Which of the following code segments show a valid comment within free format calculations?

A./Free   * this is a free form comment /End-Free

B./Free   /* this is a free form comment */ /End-Free

C./Free   // this is a free form comment /End-Free

D./Free / this is a free form comment /End-Free

Correct Answers: C

17: Given the following file definitions for a physical file and a logical file:
AAN01N02N03T.Name++++++RLen++TDpBLinPosFunctions

A   REF(FLDREF)

A   R EMPREC

A   EMPNO   R

```
A              ENAME      R
A              DEPT        R
A              SALARY     R
AAN01N02N03T.Name++++++RLen++TDpBLinPosFunctions
A              R EMPRECL                    PFILE(EMPMST)
A              EMPNO
A              DEPT
A              SALARY
A              K DEPT
A              K EMPNO
```

Which fields are accessible through the logical file and in what sequence will records be presented to the application program?

A.Fields accessible: EMPNO, ENAME, DEPT, SALARY Sequence: EMPNO within DEPT

B.Fields accessible: EMPNO, ENAME, DEPT, SALARY Sequence: DEPT within EMPNO

C.Fields accessible: EMPNO, DEPT, SALARY Sequence: EMPNO within DEPT

D.Fields accessible: EMPNO, DEPT, SALARY Sequence: DEPT within EMPNO

Correct Answers: C

18: A field is added to the end of the record format of an existing file and the file compiled with LVLCHK(*NO).   What is the impact of this action on an existing RPG program which uses this file as an externally defined file?

A.Until the RPG program is recompiled, it will halt with a format level check error.

B.The program will run using only the fields that existed when the program was compiled.

C.The program will run using all of the fields in the file including the new fields.

D.Until the RPG program is recompiled, it will run but will issue a warning message whenever a record is written or updated.

Correct Answers: B

19: Which of the following code segments shows the correct use of the externally described printer file PRT1 containing record format FMT1?

A.FFilename++IPEASFRlen+LKlen+AIDevice+.Keywords   FPRT1   O   E
PRINTER   CL0N01Factor1+++++++Opcode(E)+Factor2+++++++Result   C
WRITE   FMT1

B.FFilename++IPEASFRlen+LKlen+AIDevice+.Keywords   FPRT1   O   E
PRINTER   CL0N01Factor1+++++++Opcode(E)+Factor2+++++++Result   C
EXCEPT   FMT1

C.FFilename++IPEASFRlen+LKlen+AIDevice+.Keywords   FPRT1   O   E
PRINTER OFLIND(*IN88)   CL0N01Factor1+++++++Opcode(E)+Factor2+++++++Result C
EXCEPT   FMT1   OName++++++DF..N01N02N03Excnam++++B++A++Sb+Sa+ OPRT1
E   FMT1   2   6

D.FFilename++IPEASFRlen+LKlen+AIDevice+.Keywords   FPRT1   O   E
PRINTER OFLIND(*IN88)   CL0N01Factor1+++++++Opcode(E)+Factor2+++++++Result C
WRITE   FMT1   OName++++++DF..N01N02N03Excnam++++B++A++Sb+Sa+ OPRT1
T   FMT1   2   6

Correct Answers: A

20: Given the following code segment:

DName+++++++++++ETDsFrom+++To/L+++IDc.Keywords+++++++++++++++++++
D Arra   s   3s 0 DIM(10)
D Index   s   2s 0 Inz(0)
/FREE
For Index = 1 to %Elem(Arra);
Arra(Index) = 2 * Index;
EndFor; /END-FREE

What is the value of field Index after the code is run?

A.0

B.22

C.10

D.11

Correct Answers: D