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Exam : 000-267

Title : AS/400 RPG IV Developer

Ver : 12-18-2008

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**QUESTION 1:**

What is the purpose of the SFLNXTCHG keyword?

- A. It causes a program to read the next subfile record
- B. It ensures that only modified records will be read from the subfile
- C. It causes a program to treat a subfile record as though it has been changed
- D. It causes a program to update the next subfile record in the SFLCSRNRN list

Answer: C

---

**QUESTION 2:**

Given the following code segment for PGMB:

```
D Count s 3 0 inz  
C Eval Count = count + 1  
C Count Dsplay  
C Return
```

The following commands were used to create programs PGMA and PGMB.

```
CRTPGM PGM(PGMA) MODULE (A) ACTGRP (QILE)
```

```
CRTPGM PGM(PGMB) MODULE (B) ACTGRP (*NEW)
```

Assume the following:

PGMA calls PGMB

PGMB returns to PGMA with \*INLR = \*OFF.

PGMA later calls PGMB

During the second call to PGMB, what value is displayed for the field COUNT?

- A. 0
- B. 1
- C. 2
- D. 3

Answer: B

---

**QUESTION 3:**

Given the following code segment:

```
FINPUT IP E DISK INSEFR (FSR04)  
C 22 DIV DIVSOR RESULT 404142  
C *PSSR BREGSR  
C 'ERROR' DSPLY  
C ENDSR  
C FSR04 BREGSR  
C 'ERROR' DSPLY  
C ENDSR
```

What is the result of the DIV operation when DIVSOR in file INPUT is equal to zero?

- A. Indicator 41 is turned on.
- B. Indicator 42 is turned on.
- C. Subroutine \*PSSR is executed.
- D. Subroutine FSR04 is executed.
- E. The field RESULT will be set to zero

Answer: C

---

#### **QUESTION 4:**

Given the following code segment:

```
P Max B Export
D Max PI 3P 0
D Parm1 3P 0 Const
D Parm2 3P 0
C If Parm1 > Parm2
C Return Parm1
C Else
C Return Parm2
C EndIF
P max E
```

Which of the following is correct?

- A. The value passed as PARM1 must be a named constant
- B. The value PARM1 cannot be changed by this procedure
- C. The value of PARM1 will be the same each time this procedure is called

Answer: B

---

#### **QUESTION 5:**

A job submitted by the SBMJOB command needs a custom library list that includes libraries LIB1 and LIB2.

Which of the following commands accomplish this task?

- A. ABMJOB CMD (CALL PGM (PGMN AME) PARM (LIB1 LIB2))
- B. ABMJOB CMD (CALL PGM (PGMN AME) PARM(&VARI &VAR2) LIBL(LIB1 LIB2))
- C. ABMJOB CMD (CALL PGM (PGMN AME) PARM(&VARI &VAR2)) INLLIBL (LIB1 LIB2))
- D. ABMJOB CMD (CALL PGM (PGMN AME) PARM(&VARI &VAR2)) JOBD (\*CURRENT) CHGJOB JOB(PGMNAME) LIBL (LIB1 LIB2)

Answer: C

---

**QUESTION 6:**

Given the following D specifications:

D Company S 35A INZ('Lunar Spacecraft Co.')

D Save\_Comp S Like (Company)

What are the characteristics of the SAVE Comp field?

- A. A 1 position character field
- B. A 35 position character field initialized to blanks
- C. A 35 position character field initialized to "Company"
- D. A 35 position character field initialized to "Lunar Spacecraft Co."

Answer: B

---

**QUESTION 7:**

Which of the following CL commands is used to display a screen and wait for the user to press enter or a function key?

- A. DSPF
- B. PROMPT
- C. SNDPCVF
- D. SDRRCVFM

Answer: C

---

**QUESTION 8:**

An interactive program must access orders randomly by customer number. The order file is keyed on order number. What to be done to provide this function?

- A. Sort the order file based on the customer number
- B. Create a logical file with a key of customer number
- C. Run the TGZPFM command to reorganize the data in customer number order
- D. Create an Open query File with the SRTSEQ keyword specifying the customer number

Answer: B

---

**QUESTION 9:**

Which of the following commands lists all the logical file dependencies for a physical file?

- A. DSPFD
- B. DSPDBR
- C. DSPFFD
- D. DSPPFREF

Answer: B

---

**QUESTION 10:**

What is the purpose of a subprocedure prototype?

- A. To ensure the subprocedure exists
- B. To define the fields that are local to the subprocedure
- C. To ensure that the subprocedure is called with the correct parameters
- D. To define the names of the variables that must be used to call the subprocedure

Answer: C

---

**QUESTION 11:**

Which of the following operations is used to randomly access the records in a subfile?

- A. The READ operation
- B. The CHAIN operation
- C. The READC operation
- D. The EXFMT operation

Answer: B

---

**QUESTION 12:**

Which of the following approaches can be used to improve performance when sequentially processing a database file that has 100 active records and 10,000 deleted records?

- A. Change the WAITRCD parameter to 0
- B. Reorganize the file with the RGZPFM command
- C. Change the DLTPCT parameter to less than 10%
- D. Change the access path maintenance to \*IMMED

Answer: B

---

**QUESTION 13:**

Which of the following is the lowest level of authority to the program that will allow a user to recompile it?

- A. \*USE
- B. \*ALL
- C. \*OWNER
- D. \*CHANGE

Answer: D

---

**QUESTION 14:**

A "divide by zero" error is detected in a program that has the following specified:

- (1) The program Status subroutine
- (2) File Status subroutine
- (3) Resulting Indicator 2 specified on the DIV operation code.

Which of the following occurs?

- A. Resulting Indicator 2 is set on
- B. Program Status subroutine is automatically called
- C. The File Status subroutine is automatically called
- D. The default RPG exception/error handling routine is automatically called

Answer: B

---

**QUESTION 15:**

Given the following code segment:

C if A = B

C Seton

C Endif

Which of the following produces equivalent results?

- A. C Eval \*IN50 = (A = B)
- B. C Eval \*IN50 = \*IN50 or (A = B)
- C. C Eval \*IN50 = \*IN50 and (A = B)
- D. C Eval \*IN50 = Not \*IN50 or (A = B)

Answer: B

---

**QUESTION 16:**

Which of the following statements describes the result of running the EVAL operation statement?

- A. A runtime error is generated
- B. The correct result is produced
- C. A desimal data error is generated
- D. The result in TOTALDUE is truncated

Answer: A

---

**QUESTION 17:**

Given the following Header (control) specification is used in a source member:

H+++++

H

Which of the following Statements is valid?

- A. D MyDate S D Inz(D'062188') DatFmt (\*MDY)
- B. D MyDate S D Inz(D'06/21/88') DatFmt (\*MDY)
- C. D MyDate S D Inz(D'06-21-88') DatFmt (\*MDY)
- D. D MyDate S D Inz(D'06/21/1988') DatFmt (\*MDY)

Answer: C

---

**QUESTION 18:**

Which of the following can be accessed by an RPG an RPG program without the use of an API call or the use of pointers?

- A. A Data Area
- B. A Data Queue
- C. A User Space
- D. A user Index

Answer: A

---

**QUESTION 19:**

What is the value of the COUNT field after the routine is performed?

- A. 3
- B. 4
- C. 5
- D. 6

Answer: A

---

**QUESTION 20:**

Given the following code segment:

DdataStrA Ds Occure (10)

D DivName 15A

D TotSales 12P 2

Which of the following code segments writes each occurrence of the DATASTRA data structure to an output file?

A. C 1 DO 10 Cnt 2 0  
C Cnt Occue DataStrA  
C Write Prt001R  
C EndDo  
B. C 1 DO 10 Cnt 2 0  
C Occue DataStrA :Cnt  
C Write Prt001R  
C EndDo  
C. C 1 DO 10 Cnt 2 0  
C Occue DataStrA  
C Except Prt001R:Cnt  
C EndDo  
D. C 1 DO 10 Cnt 2 0  
C Write Prt001R  
C EndDo  
OQPrint E Prt001R  
\* DivName (Cnt)  
\* TotSales (Cnt)

Answer: A

---

### QUESTION 21:

Given the following code segment:

FcustMast UF E K Disk

Which of the following can cause \*IN73 to be set on?

- A. The record is not found in the file
- B. The program has already read the requested record
- C. The requested record is locked by another process.
- D. The CHAIN operation is attempting to read past end of file.

Answer: C

---

### QUESTION 22:

Which of the following provides the most information in a joblog?

A. Message Logging:

Level ..... 4 0-4

Severity..... 99 0-99

Text..... \*msg \*MSG, \*SECLVL, \*NOLIST

B. Message Logging:

Level ..... 4 0-4

Severity..... 00 0-99

Text..... \*msg \*MSG, \*SECLVL, \*NOLIST



C. Message Logging:

Level ..... 4 0-4

Severity..... 00 0-99

Text..... \*seclvl \*MSG, \*SECLVL, \*NOLIST

D. Message Logging:

Level ..... 4 0-4

Severity..... 99 0-99

Text..... \*seclvl \*MSG, \*SECLVL, \*NOLIST

Answer: C

---

**QUESTION 23:**

Given the following two programs:

```
/* PGMA */
```

```
PGM
```

```
CHGDTAARA DATAARA (*LDA) VALUE ('PROGRAM A')
```

```
SBMJOB CMD (CALL PGMB)
```

```
ENDPGM
```

```
/* PGMB */
```

```
PGMB
```

```
CHGDTAARA DATAARA (*LDA (11 9)) VALUE ('PROGRAM B')
```

```
ENDPGM
```

What is the content of the \*LDA for an interactive job that calls PGMA at the completion of PGMA?

A. 'PROGRAM A'

B. 'PROGRAM B'

C. 'PROGRAM PROGRAM B'

D. 'PROGRAM A PROGRAM B'

Answer: A

---

**QUESTION 24:**

What is the purpose of the SLFRCDNBC keyword on a subfile control record?

A. It controls which page of a subfile is displayed

B. It controls the total number of records allowed in a subfile.

C. It controls which subfile record will be processed by a READC operation

D. It returns the relative record number of the last subfile record on a display

Answer: A

---

**QUESTION 25:**

Which of the following built-in function can be used to determine the result of a CHAIN operation?

- A. %EOF
- B. %NOREC
- C. %EQUAL
- D. %FOUND

Answer: D

---

**QUESTION 26:**

Which of the following CL commands submits a batch job that calls PGM1 with three CL variables as parameters?

- A. SBMJOB CMD (CALL PGM1 PARM (param1 param2 param3))
- B. SBMJOB CMD (CALL PGM1 PARM (&param1 &param2 &param3))
- C. SBMBATJOB CMD (CALL PGM1 PARM (&param1 &param2 &param3))
- D. SBMBATJOB CMD (CALL PGM1 PARM ('param1' 'param2' 'param3'))

Answer: B

---

**QUESTION 27:**

Given the following Header specification:

H DATFMT (\*USA)

A data field needs to be initialized to march 19, 1954. which of the following Definition specifications declares a valid date field with this value?

- A. D BDay S D INZ ('03/19/1954')
- B. D BDay S D INZ (D'1954-03-19')
- C. D BDay S D INZ (D'03/19/1954') DATFMT (\*ISO)
- D. D BDay S D INZ (D'1954-03-19') DATFMT (\*ISO)

Answer: C

---

**QUESTION 28:**

Given the following code segment:

D DataStruct E DS EXTNAME (sales)

D PREFIX(X)

What will the field names be in the data structure DATASTRUCT if the SALES file contains the CUSTOMER, DATA, and AMOUNT fields?

- A. XCUSTOMER, XATE, and XMOUNT.
- B. CUSTOMEX, DATX, AND AMOUNX.

- C. XCUSTOMER, XDATE, and XAMOUNT.
- D. CUSTOMERX, DATEX, AND AMOUNTX.

Answer: C

---

**QUESTION 29:**

Given the following code segment:

```
D Price S 5 2
D Qty S 2 0
D Disc S 4 3
D ExtPrc S 7 2
C PRICE MULT QTY TEMP 72
C PRICE MULT(H) DISC DISCAM 72
C TEMP SUB DISCAM EXTPRC
```

Which of the following is an equivalent free-form expression?

- A. EVAL EXTPRC = (PRICE \* QTY) - (PRICE \* DISC)
- B. EVAL (H) EXTPRC = (PRICE \* QTY) - (PRICE \* DISC)
- C. EVAL EXTPRC = (PRICE \* QTY) - %DEC((PRICE \* DISC):7:2)
- D. EVAL EXTPRC = %DEC((PRICE \* QTY) :7:2) - %DEC((PRICE \* DISC):7:2)

Answer: D

---

**QUESTION 30:**

Which of the following indicator setting is required to initialize the subfile?

- A. \*IN81 is set on and \*IN80 is set off
- B. \*IN81 is set on and all other are set off
- C. \*IN80 is set \*IN82 are both set on and all other are set off
- D. \*IN81 and \*IN82 are both set off and all others are set on

Answer: B

---

**QUESTION 31:**

Which of the following File specification keywords is used to associate a subroutine as the file exception/error handling routine?

- A. INFSR
- B. \*PSSR
- C. EXCSR
- D. \*IOSR
- E. INZSR

Answer: A

---

**QUESTION 32:**

An application needs to check for the following conditions:

Amount due (AMTDUE) is greater than 1000 and either region code (RGNCODE) is 12 or credit Limit (CRLIMIT) is greater than 1000.

Which of the following code segments meets this requirement?

- A. If (AmtDue > 1000 and RgnCode =12 ) or CrLimit > 1000
- B. If AmtDue > 1000 and (RgnCode =12 or CrLimit > 1000)
- C. If NOT AmtDue > 1000 and RgnCode =12 or CrLimit > 1000
- D. If NOT(AmtDue > 1000 and RgnCode =12 ) or CrLimit > 1000

Answer: B

---

**QUESTION 33:**

Which of the following approaches can be used to detect errors within an RPG program resulting from a file not found condition?

- A. The file should be opened as output only
- B. The file should be specified with the DLYOPN keyword
- C. The file should be specified with the DLYOPN keyword and the OPEN operation should be tested for success
- D. The file should be specified with the USROPN keyword and the OPEN operation should be tested for success

Answer: D

---

**QUESTION 34:**

Which of the following describes the method for deleting individual subfile records from a subfile?

- A. Rewrite the record with SFLINZ active
- B. Rebuild the subfile without the deleted records
- C. Perform a DELETE operation on the desired subfile records
- D. Perform a DELETE operation on the desired subfile records with the SFLDROP keyword active

Answer: B

---

**QUESTION 35:**

Within an RPG program, there is a requirement to issue an OVRDBF command. What system API can be used to run this CL command for within the RPG program?

- A. QCMD
- B. QCMDEXC
- C. QOVRDBF
- D. QUSRMBRL

Answer: B

---

**QUESTION 36:**

A subfile program will be written to process a maximum of 200 records. The AS/400 is running at nearly 100 percent of its interactive capacity. This program must have very fast response time while scrolling through the subfile.

How should the subfile be designed?

- A. Subfile Page = 10 Subfile Size = 10
- B. Subfile Page = 10 Subfile Size = 200
- C. Subfile Page = 200 Subfile Size = 10
- D. Subfile Page = 200 Subfile Size = 200

Answer: B

---

**QUESTION 37:**

Which of the following statements is true about the program initialization subroutine (\*INZSR)?

- A. It is automatically run when the program is started
- B. It must be the last subroutine defined in the source specifications
- C. It must be the first subroutine defined in the source specifications
- D. It is called when a program returns to reset the content of the fields in the program.

Answer: A

---

**QUESTION 38:**

Given the following code segment:

Which of the following will occur if the object GOODOBJ is not found when statement 0005.00 is run?

- A. Statement 0006.00 is run
- B. Statement 0007.00 is run
- C. The program ends abnormally

Answer: B

---

**QUESTION 39:**

Given the following CL code segment:

```
DCL &FIELD1 *CHAR 8 VALUE ('20000314')
```

```
CHGVAR %SST(&FIELD1 5 2) ( '04')
```

What is the value of &FIELD1 after the CHGVAR command is run?

- A. '20000414'
- B. '20000314'
- C. '20000014'
- D. '2004 4'

Answer: A

---

**QUESTION 40:**

Which of the following code samples will read, lock, update, and unlock a data area?

- A. D Data Area DS DTAARA  
D FldA 7  
C IN DataArea  
C \*UNLOCK OUT DataArea
- B. D Data Area UDS DTAARA  
D FldA 7  
C IN DataArea  
C EVAL FldA = 'IBMIRD'  
C \*UNLOCK OUT DataArea
- C. D Data Area UDS DTAARA  
D FldA 7  
C IN DataArea  
C EVAL FldA = 'IBMIRD'  
C OUT DataArea
- D. D Data Area UDS DTAARA  
D FldA 7  
C IN DataArea  
C EVAL FldA = 'IBMIRD'  
C OUT DataArea  
C UNLOCK DataArea

Answer: C

---

**QUESTION 41:**

Which of the following cannot be called using the CALLB operation?

- A. An RPG program
- B. An RPG main procedure in a module
- C. An RPG subprocedure that returns a value
- D. An RPG subprocedure that does not returns a value

Answer: A

---

**QUESTION 42:**

Given the following character field:

D char\_Date S 10A Inz('03/19/1954')

Which of the following statements is used to verify that the field contains a valid date value?

- A. C \*Date ChECK(DE) Char\_Date
- B. C \*USA TEST(E) CHAR\_Date
- C. C Char\_Date EDIT \*MDYO 19
- D. C \*USA TEST(D) CHAR\_Date

Answer: D

---

**QUESTION 43:**

What is the format of the value returned to the caller?

- A. Packed (5,0)
- B. Packed (7,0)
- C. Packed (11,0)
- D. Packed (15,5)

Answer: A

---

**QUESTION 44:**

What is the value of the field COUNT after calling the program five times?

- A. 0
- B. 1
- C. 5

Answer: B

---

**QUESTION 45:**

What is the purpose of specifying the USRPRF(8OWNER) option when creating a program?

- A. Only the owner of the program can run the program
- B. Only the owner of the program can delete or recreate it
- C. The program can only be recreated by the program's owner
- D. The program owner's user profile authority is used when the program is run

Answer: D

---

**QUESTION 46:**

What statement describes the SFLPGMQ keyword?

- A. It is set to the name of the procedure that will write messages to the message subfile.
- B. It creates a field to contain the name of the program message queue used by a program to build a message subfile.
- C. It is automatically set by the program and contains the name of the program message queue used to fill the message subfile.
- D. It is automatically set by the PSDS and contains the name of the display file that will be used to fill the message subfile.

Answer: B

---

**QUESTION 47:**

Which of the following is the correct method to debug a program that is running in batch?

- A. Issue the STARDRVJOB command for the batch JOB after the STRDBG command
- B. Issue the STARDRVJOB command for the batch with the STRDBG (\*JOB) option
- C. Issue the STARDBG command for the batch with the STARDRVJOB (\*BATCH) option
- D. Issue the STARDRVJOB command for the batch JOB before issuing the STRDBG command

Answer: D

---

**QUESTION 48:**

Which of the following CL commands can be used to obtain the job number?

- A. RTVJOB
- B. RTVJOBA
- C. RTVJOBI
- D. RTVUSRPRF

Answer: B

---



**QUESTION 49:**

Which of the following sets the default date format for all date literals and date fields in a source member to \*USA format?

- A. Hkeywords+++++  
H DATFMT (8USA)
- B. DName+++++ETDsFrm+++To/L+++Idc.Keywords+++++  
D DTAFLDALL S D DATFMT(\*USA)
- D. ...H.....1 CDYI...S.....1.F.....  
H M/
- E. Hkeywords+++++  
H DATEDIT(\*USA)

Answer: A

---

**QUESTION 50:**

Given the following DDS code segment:

```
A R MYSFL SFL  
A BIRTHDAY L B 5 2  
A R MYSFLCTL SFLCTL (MYSFL)  
A DSPREC 4S OB 4 12SFLRCDNBR(CURSORS)  
Where will the cursor be located when the subfile is displayed?
```

- A. At the row/column specified in the field DSPREC
- B. At the row/column number specified in the field CURSOR
- C. At the first input capable field for the subfile record number contained in the field DSPREC
- D. At the first input capable field for the subfile record number contained in the field CURSOR

Answer: C

---

**QUESTION 51:**

Which of the following is a use for the Program Status Data Structure?

- A. To retrieve the name of a program's calling program
- B. To retrieve information about the job and currently running program
- C. To control termination of the program as an alternative to using \*INLR
- D. to return the status of the program's externally described data structures

Answer: B

---

**QUESTION 52:**

Which of the following code segments represents a valid prototype for QCMDEXC?

- A. D QCMDEXC pr ExtPgm(QCMDEXC)  
D Cmd 3000A Const Options(8VarSize)  
D CmdLen 15P 5 Const  
D CmbOpt 3A Const Options (\*NoPass)
- B. D QCMDEXC pr  
D Cmd 3000A Const Options(8VarSize)  
D CmdLen 15P 5 Const  
D CmbOpt 3A Const Options (\*NoPass)
- C. D QCMDEXC pr ExtPgm('QCMDEXC')  
D Cmd 3000A Const Options(8VarSize)  
D CmdLen 15P 5 Const  
D CmbOpt 3A Const Options (\*NoPass)

Answer: B

---

**QUESTION 53:**

Which of the following commands set the current library for a job to ABCLIB? (Select two answers.)

- A. CHGCURLIB ABCLIB
- B. WRKLIBPDM ABCLIB
- C. CHGLIBL CURLIB (ABCLIB)
- D. EDTLIBL ABCLIB (\*CURRENT)
- E. ADDLIBL ABCLIB POSITION(\*CURRENT)

Answer: A.C

---

**QUESTION 54:**

How many elements does ARRAY@ contain?

- A. 4
- B. 5
- C. 8
- D. 20

Answer: C

---

**QUESTION 55:**

What is the value of the ACCEPT field and the status of indicator 50?

- A. Accept = 'R' and Indicator 50 = \*ON
- B. Accept = 'A' and Indicator 50 = \*ON

- C. Accept = 'R' and Indicator 50 = \*OFF
- D. Accept = blank and Indicator 50 = \*OFF

Answer: C

---

**QUESTION 56:**

A runtime error occurs when the MOVE operation is performed. Which of the following describes the reason for this error?

- A. \*ISO format dates cannot be moved to \*MDY format date fields
- B. The MOVE operation code only works between date and non-date fields
- C. The date value Specified in the INZ Keyword for ISODATE is an incorrect format
- D. The year portion of the date is not within the range supported by the \*MDY date format

Answer: C

---

**QUESTION 57:**

A program is created from one \*MODULE object and calls several procedure in a service program. What parameter of CRTPGM is used to specify the service program name?

- A. MODULE (modules)
- B. SRVPGM (service programs)
- C. ACTGRP (activation group)
- D. BNDSRVPGM (bound service programs)

Answer: D

---

**QUESTION 58:**

Every time the salary field in the Employee Master file is changed, the user ID of the person making the change must be recorded.

Which of the following could be used to ensure that requirement is met, regardless of the method used to update the file?

- A. A check constraint
- B. An SQL stored procedure
- C. A referential constraint
- D. A database trigger program

Answer: D

---

**QUESTION 59:**

What relationship between SFLSIZ and SFLPAG requires the programmer to provide all

of the logic required to support both of the roll/page key for a subfile?

- A. SFLSIZ is equal to SFLPAG
- B. SFLSIZ is less to SFLPAG
- C. SFLSIZ is a multiple of SFLPAG
- D. SFLSIZ is one greater then SFLPAG

Answer: A

---

**QUESTION 60:**

What is the value of field SHORTNAME after the EVAL is run?

- A. P. Smith
- B. Pat. Smith
- C. P., . Smith
- D. Pat. Smith
- E. Smith. Pat

Answer: A

---

**QUESTION 61:**

The prototype for a subprocedure needs to present when compiling which of the following? (Select two answers.)

- A. The binder language
- B. The binding directory
- C. The subprocedure definition
- D. Source member that use the subprocedure

Answer: C.D

---

**QUESTION 62:**

An PRG IV program has been developed, debugged, and tested on a V4R2 system and is ready for deployment on a V3R2 system. Attempt to save the program for target release V3R2 are unsuccessful. Attempts to recompile the program for target release V3R2 are also unsuccessful.

Which of the following explains this problem?

- A. RPG IV is only supported at V3R7 and later
- B. The program uses an operation code not supported on a V3R2 system
- C. The RPG IV compiler at V4R2 dose not support compiling for a V3R2 system
- D. Program objects cannot be exchanged between RISC systems and CISC system

Answer: B

---

**QUESTION 63:**

Which of the following RPG code segments defines a multiple occurrence data structure?

- A. Dname+++++++ETDsFrom+++To/L+++Idc.Keywords++  
D DataStrA UDS 50  
D Division 2S 0  
D Sales 12P 2
- B. B. Dname+++++++ETDsFrom+++To/L+++Idc.Keywords++  
D DataStrA DS 50  
D Division 2S 0  
D Sales 12P 2
- C. C. Dname+++++++ETDsFrom+++To/L+++Idc.Keywords++  
D DataStrA DS Dim (50)  
D Division 2S 0  
D Sales 12P 2
- D. Dname+++++++ETDsFrom+++To/L+++Idc.Keywords++  
D DataStrA DS Occurs(50)  
D Division 2S 0  
D Sales 12P 2

Answer: D

---

**QUESTION 64:**

Given the following code segment:

D TaxCalc PR EXTPGM('MYPGM')

D Parm1 5p 0 CONST

D Parm2 10A OPTIONS (\*NOPASS)

What is the purpose of the keyword OPTIONS (\*NOPASS)?

- A. The parameter is optional
- B. The parameter will not be passed
- C. The parameter is passed by value
- D. The parameter cannot be modified by the called program

Answer: A

---

**QUESTION 65:**

A CL program declares a database file using the DCLF command and reads records from the file. Which of the following methods can be used to allow the updating of records in the database file?

- A. Use an RPG program
- B. Use an OPNDBF command
- C. Use a SINDRCVF command
- D. Use an OPNQRYF command

Answer: A

---

**QUESTION 66:**

What DDS keyword can used to allow the error messages generated by field validation keywords to be viewed in a system supplied subfile?

- A. ERRSFL
- B. SFLMSG
- C. ERRMSG
- D. CHKMSGID

Answer: A

---

**QUESTION 67:**

The parameter names specified on prototype statements are used for what purpose?

- A. As comments
- B. To define subfields of a data structure
- C. To define the fields passed on a call to the subprocedure
- D. To ensure the parameter names in the prototypes match those in the procedure interface

Answer: A

---

**QUESTION 68:**

Under what circumstances will the trigger buffer contain the before image of the database record? (Select two answers.)

- A. When a record is read
- B. When a record is deleted
- C. When a record is updated
- D. When a record is inserted
- E. When a record is committed

Answer: A.B

---

**QUESTION 69:**

What happens when the program is run given that the library TEST1 exists but user profile A33111 does not exist?

- A. The program goes into an endless loop
- B. The program sends the message and ends normally
- C. The program sends the message and ends abnormally
- D. The program does not send message and it ends abnormally

Answer: A

---

**QUESTION 70:**

Given the following code segment:

D OrderHdr E DS ExtName (OrdMast)

Which of the following describes the definition specification above?

- A. Creates a field named ORDERHDR based on the field reference file ORDMAST
- B. Creates a data structure named ORDMAST based on the field reference file ORDERHDR
- C. Creates an externally described data structure named ORDERHDR based on the ORDMAST file format
- D. Creates an externally described data structure named ORDMAST based on the ORDERHDR file format

Answer: C

---

**QUESTION 71:**

Which of the following Definition specifications is valid RPG IV syntax?

- A. D first\_time S In Inz (\*ON)
- B. D first\_time S +5 like (\*in20) In Inz (\*ON)
- C. D first\_time S In dim (20) Inz (\*ALL'1')
- D. D Struct ds  
D first\_time S +5 like (\*in20) dim(20)  
D inz (\*ALL'ON')

Answer: A

---

**QUESTION 72:**

Given the following File specification:

FcustMast UF A E K DISK RENAME (CUSTMAST : CUSTREC)

Which of the following code segments will check for the existence of a record in the CUSTOMAST database file without placing a lock on the database record?

- A. C CustNo SETLL Custrec

```
C if %Found
C Callp UpdateCust (CustNo)
C endif
B. C CustNo READE Custrec
C if %Found
C Callp UpdateCust (CustNo)
C endif
C. C CustNo CHAIN Custrec
C if %Found
C Callp UpdateCust (CustNo)
C endif
```

Answer: A

---

### QUESTION 73:

Given the following code segment:

FcustMast UF E K Disk

On occasion, the end-user experiences an unusually long delay between the time they press Enter and the appearance of the EDITCUST display.

What is the most likely cause for this delay?

- A. The record is not found
- B. The file is organized in LIFO key sequence
- C. The record occurs near the end of a large file
- D. The chain operation code is waiting for a locked record

Answer: D

---

### QUESTION 74:

Which of the following commands submits a batch job that calls a program which requires three parameters?

- A. SBMJOB RQSDTA (CALL pgmname PARM('parm1 parm2 parm3'))
- B. SBMBATJOB JOB (CALL pgmname PARM('parm1 parm2 parm3'))
- C. SBMJOB CMD (CALL pgmname PARM('parm1 parm2 parm3'))
- D. SBMBATJOB CMD (CALL pgmname PARM('parm1 parm2 parm3'))

Answer: C

---

### QUESTION 75:

Given the following code segment:

D Dstruct DS

D Fldl 1 3p 0 packEven



How many digits are in field FLD1?

- A. 3
- B. 4
- C. 5
- D. 6

Answer: B

---

**QUESTION 76:**

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

- A. 4
- B. 7
- C. 25
- D. 35

Answer: A

---

**QUESTION 77:**

What is the value of the field COUNT after the call to PGMB is performed on lines 0008 and 0009 of PGMA?

- A. 0
- B. 1
- C. 2
- D. 3

Answer: B

---

**QUESTION 78:**

Following a CHAIN operation, what built-in function can be used to check for the existence of a record with a key value equal to Factor 1 of the CHAIN operation?

- A. %EOF
- B. %FOUND
- C. %EQUAL
- D. %MATCH

Answer: B

---

**QUESTION 79:**

What is the value of DAYOFWEEK (4)?

- A. 4
- B. Blanks
- C. 'Wednesday'
- D. 'Sunday Monday Tuesday Wednesday'

Answer: C

---

**QUESTION 80:**

Which of the following commands can be used to redirect printing for an active job?

- A. CHGJOB JOB (JOB\_name) OUTQ (New\_outq)
- B. CHGOUTQ OUTQ (Old\_outq) PRTQ (New\_outq0)
- C. CHGJOBA JOB (JOB\_name) PRTDEV (New\_printer0)
- D. CHGDEVD DEV(printer\_name) JOB (Job\_name) OUTQ (New\_outq)

Answer: A

---

**QUESTION 81:**

Which of the following always reverses the value of indicator 50?

- A. C EVAL \*IN50 = \*IN50
- B. C EVAL \*IN50 = NOT \*IN50
- C. C EVAL \*IN50 = \*IN50 \* -1
- D. C EVAL IN50 = %SWITCH (\*IN50)

Answer: B

---

**QUESTION 82:**

An RPG source member containing subprocedure definitions will be copiled 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)

Answer: A

---

**QUESTION 83:**

What is the result of running the following CL command?  
ADDLIB TESTLIB \*FIRST

- A. TESTLIB will be set as the current library
- B. TESTLIB will be the first library in the job's library list
- C. TESTLIB will be placed at the top of the user portion of the job's library list
- D. TESTLIB will become the first entry in the initial library list for the user's job description

Answer: C

---

**QUESTION 84:**

An RPG program accesses data from three files (ORDER, SHIPMENT, and PAYMENT). All three files have an order number field. The program prints a list of orders that have associated shipment and payment data in order number sequence. What type of keyed file needs to be created to allow for only one RPG File specification to be coded?

- A. A sort file
- B. A join logical file
- C. A program described file
- D. A single-format logical file

Answer: B

---

**QUESTION 85:**

What RPG construct allows the compiler to validate the size and type of the parameters passed on a program call?

- A. A data area
- B. A prototype
- C. A data structure
- D. A service program

Answer: B

---

**QUESTION 86:**

Which of the following RPG operation code can be used to sequentially retrieve only subfile records that have been modified since the subfile was displayed?

- A. The NEXT operation
- B. The READC operation
- C. The CHAIN operation
- D. The READE operation

Answer: B

---

**QUESTION 87:**

Which compiler keyword is used to create a program that, when running, adopts the authority of the program's owner?

- A. Authority AUT (\*LIBCRTAUT)
- B. User profile USRPRF (\*OWNER)
- C. Adopt authority ADOPT (\*YES)
- D. Object access OBJACC (\*ADOPT)

Answer: B

---

**QUESTION 88:**

What is a purpose of the PREFIX keyword on a File specification?

- A. To select only the record formats that match the value specified in the PREFIX parameter
- B. To load the input buffer with field names that match the pattern specified on the PREFIX keyword
- C. To rename all fields in a file by appending the field names to the value specified in the PREFIX keyword
- D. To rename all record formats in a file by appending the format names to the value specified in the PREFIX keyword

Answer: C

---

**QUESTION 89:**

What is the purpose of the value "3S 0" specified on line 1?

- A. To declare the length of the data passed to the subprocedure
- B. To indicate the number of parameters passed to the subprocedure
- C. To declare the number of parameters returned by the subprocedure
- D. To define the attributes of the return value for the subprocedure

Answer: D

---

**QUESTION 90:**

Which of the following objects have restricted access in order to prevent changes to module source code?

- A. File

- B. Module
- C. Member
- D. STRSEU Command

Answer: A

---

**QUESTION 91:**

Which of the following sets the named indicator CUSTFOUND based on the results of finding a record in both the INVMAS and CUSTMAS files?

- A. Clrn01Factor++++++OpCode(ex)Factor2++++++Result++++++Len++DcHiLoEq  
C CustNo Set11 InvMas 75  
C CustNo Set11 CustMas 75  
C Eval CustFound = \*IN75
- B. Clrn01Factor++++++OpCode(ex)Factor2++++++Result++++++Len++DcHiLoEq  
C CustNo Set11 InvMas  
C CustNo Set11 CustMas  
C Eval CustFound = %Found(InvMas) and  
%Found(CustMas)
- C. Clrn01Factor++++++OpCode(ex)Factor2++++++Result++++++Len++DcHiLoEq  
C CustNo Set11 InvMas  
C Eval CustFound = %Found  
C CustNo Set11 CustMas  
C Eval CustFound = %Found
- D. Clrn01Factor++++++OpCode(ex)Factor2++++++Result++++++Len++DcHiLoEq  
C CustNo Set11 InvMas 75  
C CustNo Set11 CustMas 75  
C If %Found  
C Eval CustFound = \*ON  
C endif

Answer: B

---

**QUESTION 92:**

A subfile program needs to be created to access an item history file. Each item has several hundred transactions. This program should provide good response time for the user without having an adverse effect on the performance of other jobs.

Which of the following describes how this subfile should be created?

- A. The SFLCACHE keyword should be enabled for this subfile. The program should place records into the subfile only the first time each item is selected.
- B. The program should load the subfile with enough records to fill a subfile page. Additional records should be placed in the subfile when the user press the roll/page key.
- C. The program should load the subfile with enough records to fill a subfile page. Additional

records should be placed in the subfile when user pressed the Roll/Page key.

Answer: C

---

**QUESTION 93:**

Review the sample subfile display above. The SFLNXTCHG keyword indicator was "off" when Record 1 was written and "on" 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

Answer: B

---

**QUESTION 94:**

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

- A. CAB
- B. BAC
- C. ABCAAB
- D. CBAABA

Answer: A

---

**QUESTION 95:**

Which of the following commands can be used to display the access path maintenance attributes of a logical file?

- A. DSPFD
- B. DSPLF
- C. DSPFFD
- D. DSPOBJD

Answer: A

---

**QUESTION 96:**

A program is created from two \*MODULE objects: MYMODA and MYMODB. What type of call is being performed when the procedure in MYMODA calls a procedure in

MYMODB?

- A. Bound call by copy
- B. Dynamic call by copy
- C. Bound call by reference
- D. Dynamic call by reference

Answer: A

---

**QUESTION 97:**

Given the following complete CL program:

PGM

SBMJOB CMD (CALL PGM (PGM(PGM1) PARM (12345))

ENDPGM

In order to be received correctly, how dose the parameter have to be declared in the RPG program PGM1?

- A. Character with a length of 5
- B. Packed decimal with a length of 5.0
- C. Packed decimal with a length of 15.5
- D. The parameter can be declared as any length

Answer: C

---

**QUESTION 98:**

Which of the following CL commands can be used to retrieve the job name?

- A. RTVJOBBD
- B. RTVJOBA
- C. RTVJOBI
- D. RTVUSRPRF

Answer: B

---

**QUESTION 99:**

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

- A. SFLCLR
- B. SFLDLT
- C. SFLRMV
- D. SFLINZ

Answer: A

---

**QUESTION 100:**

What is the length of each element in ARRAY2?

- A. A
- B. 5
- C. 8
- D. 20

Answer: A

---

**QUESTION 101:**

In order to perform debug, dump, or trace operations on a job other than the current job which of the following commands is used?

- A. BRKJOB
- B. STRSRVJOB
- C. STRBCHDBG
- D. STRRMTDBG

Answer: B

---

**QUESTION 102:**

Which of the following RPG constructs can be used to access the user ID of the user running the program?

- A. PSDS (PROGRAM Status Data Structure)
- B. INFDS (File Information Data Structure)
- C. %USER (Retrieve User ID Built-in Function)
- D. %INFO (Retrieve Program Information Built-in Function)

Answer: A

---

**QUESTION 103:**

What is the value of the field DATE1 after the MOVE operation is performed?

- A. '95/09/08'
- B. '09/08/95'
- C. '095/09/08'
- D. '1995-09-08'

Answer: A



---

**QUESTION 104:**

When the EVAL statement runs, the following error is occasionally issued: "the target for a numeric operation is too small to hold the result"

Which of the following is the smallest size for TOTALDUE to prevent this error?

- A. Packed (6,2)
- B. Packed (7,2)
- C. Packed (8,2)
- D. Packed (9,2)

Answer: C

---

**QUESTION 105:**

Which of the following statements is true about the message subfile in the code segment?

- A. Up to three message can be displayed at once
- B. The maximum size of the subfile is three records
- C. Messages will be displayed starting on line three
- D. Only messages of severity three or higher will be displayed

Answer: C

---

**QUESTION 106:**

What DDS keyword must be enabled in the subfile control record to remove the existing records from a subfile before adding new records.

- A. SFLCLR
- B. SLFRMV
- C. SFLINZ
- D. SFLDROP

Answer: A

---

**QUESTION 107:**

Which of the following must always be specified as a parameter of the SFLDROP/SFLFOLD keywords?

- A. An indicator
- B. A function key
- C. A field name from the program
- D. The number of lines per subfile record

Answer: B

---

**QUESTION 108:**

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 0001.00 to:  
C \*MDYO MOVE CharField DateField
- C. Change line 0001.00 to:  
C \*MDY MOVE(D) CharField DateField
- D. Change line 0001.00 to:  
C \*ISO MOVE CharField DateField

Answer: B

---

**QUESTION 109:**

What subfile keyword must be added to the above DDS code segment in order to allow all subfile records to be read with the READC operation?

- A. SFLUPD
- B. SFLMRKMOD
- C. SFLNXTCHG
- D. SFLCSRRRN
- E. SFLRCDNBR

Answer: C

---

**QUESTION 110:**

Which of the following contains the correct syntax for calling the subprocedure GETBALDUE?

- A. C Eval Balance = GetBalDue (CustNo : OrdQty :  
C Amt)
- B. C CallP GetBalDue = Balance: CustNo : OrdQty :  
C Amt)
- C. C CallB GetBalDue:  
C parm CustNo  
C Parm OrdQty  
C Parm Amt
- D. C CallB GetBalDue:  
C parm Balance

C parm CustNo  
C Parm OrdQty  
C Parm Amt

Answer: B

---

**QUESTION 111:**

Which of the following would be called automatically if an unhandled error were detected in an RPG program?

- A. The \*PSSR subroutine
- B. The \*ERROR subroutine
- C. The \*ERROR exception /error handling subprocedure
- D. A subroutine named in the program status data structure

Answer: A

---

**QUESTION 112:**

Which of the following will cause \*IN73 to be set on?

- A. There are no records in the CUSTMAST file
- B. The CUSTMAST file is already open in this program
- C. A decimal data error occurred when the file was opened
- D. The CUSTMAST file has no index (key fields) associated with it

Answer: B

---

**QUESTION 113:**

Which of the following changes the value of &FIELD# to 'IBM AS/400'?

- A. CHGVAR &FIELD3 (&FIELDD1 \*CAT &FIELD2)
- B. CHGVAR &FIELD3 (&FIELDD1 \*BCAT &FIELD2)
- C. CHGVAR &FIELD3 (&FIELDD1 \*TCAT &FIELD2)
- D. CHGVAR &FIELD3 (&FIELDD1 + ' ' + &FIELD2)

Answer: B

---

**QUESTION 114:**

What system API can be used to place a message in a subfile program message queue from within an RPG program?

- A. QCAPCMD

- B. QSNDNSG
- C. QNHSNDPM
- D. QCLRPGMI

Answer: C

---

**QUESTION 115:**

Given the following subfile specifications:

1. SFLSIZ equals 20
2. SFLSIZ equals 10

The RPG program loads 20 records into the subfile and displays it to the user. If the user repeatedly presses the roll up/Page down key, at what point will the program regain control?

- A. Every time the key is pressed
- B. When the key is pressed for the third time
- C. When the key is pressed for the second time
- D. When the key is pressed for the fourth time

Answer: C

---

**QUESTION 116:**

What is the value of QTY when the program ends?

- A. 3
- B. 4
- C. 5
- D. 7

Answer: C

---

**QUESTION 117:**

What is the value of the ACCEPT field and the status of indicator 50?

- A. Accept = 'R' and Indicator 50 = \*ON
- B. Accept = 'R' and Indicator 50 = \*OFF
- C. Accept = 'blank' and Indicator 50 = \*ON
- D. Accept = 'blank' and Indicator 50 = \*OFF

Answer: D

---

**QUESTION 118:**

Which of the following would release ENTDTA to allow other program to update it?

- A. C OUT ENTDTA
- B. C \*Dtaara UNLOCK ENTDTA
- C. C IN ENTDTA
- D. C \*UnLock OUT \*DTAARA

Answer: A

---

**QUESTION 119:**

Which of the following EVAL statements produces the result of '\$2,300.99' in the field CHECKAMT?

- A. EVAL CheckAmt = %CHAR (Salary: '1': '\$')
- B. EVAL CheckAmt = %EDITW (Salary: '1': '\$')
- C. EVAL CheckAmt = %EDITC (Salary: '1': '\$')

Answer: C

---

**QUESTION 120:**

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? (Select two answers.)

- A. D Afield S 5A  
C CallB 'PROC1'  
C Parm Afield
- B. D Afield S 5A  
C CallPrc 'PROC1'  
C Parm Afield
- C. D Afield S 5A  
C Call 'PROC1'  
C Parm Afield
- D. D Proc1 PR  
D MyField 5A  
D Afield S 5A  
C CallP Proc1 (Afield)
- E. D Proc1 PR ExtPgm ('PROC1')  
D MyField 5A  
D Afield S 5A  
C CallP Proc1 (Afield)
- F. D Proc1 PR ExtProc ('PROC1')  
D MyField 5A  
D Afield S 5A  
C CallP Proc1 (Afield)

Answer: A.B

---

**QUESTION 121:**

Which of the following can be used to retrieve the job name in an RPG IV program?

- A. The \*JOB special value
- B. The %JOB built-in function
- C. Program Status Data Structure (PSDS)
- D. File Information Data Structure (INFDS)

Answer: C