



Exam : 190-737

Title : Using LotusScript in IBM Lotus Domino 7 Applications

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QUESTION 1

Valerie is creating an action that will display the number of documents in a database. Which one of the following should be her strategy?

- A. Use the Search method on the NotesDatabase object to gather all the documents. Use the Count property to display the number of documents.
- B. Use the AllDocuments property of the NotesDatabase object to get a NotesDocumentCollection. Use the Count property to display the number.
- C. Use the FTSearch method on the NotesDatabase object to gather all the documents. Use the Count property to display the number of documents.
- D. Use the Documents property of the NotesDatabase object to display the number of documents in the database.

Answer: B

QUESTION 2

Customer documents all include a field called DocKey, which is a computed field populated with this formula: @Text(@DocumentUniqueID). SalesOrder documents all include a CustomerKey field that holds the value of the DocKey for the Customer who placed the order. Leilani is trying to use the following line of code to retrieve a Customer document but her code is not working. What is the problem?

Set CustomerDoc = db.GetDocumentByID(SalesOrder.CustomerKey(0))

- A. The @Text(@DocumentUniqueID) formula will return a value that includes a colon in the middle of the string. The GetDocumentByID method requires a parameter without the colon.
- B. The GetDocumentByID method retrieves a document from a database based on the NoteID, which is a maximum of 8 characters.
- C. Leilani needs to include a second parameter of True if she wants to retrieve just a single document.
- D. The GetDocumentByID method retrieves a document from a database based on the NoteID, which is not a string value.

Answer: B

QUESTION 3

Which of the following LotusScript statements can convert a text string into an array of strings?

- A. Implode
- B. SplitText
- C. Split
- D. Separate

Answer: C

QUESTION 4

Which of the following methods will always return a collection that are in the SAME order that the documents appear in the view?

- A. NotesView.GetAllDocumentsByKey
- B. NotesView.GetAllEntriesByKey
- C. NotesView.Search
- D. NotesView.GetCategory

Answer: B

QUESTION 5

Which one of the following can be used to create a new document in a database?

- A. The constructor sub in the NotesDatabase class
- B. The CreateDocument method on the NotesDocument class
- C. The constructor sub (New) on the NotesDocument class
- D. The Set method on the NotesDocument class

Answer: C

QUESTION 6

Aubrey is coding a LotusScript agent that will create an array of test scores in order to calculate a number of statistical variations. The input for the agent will be obtained from an InputBox function, and the agent needs to be able to handle a variable number of entries. How would Aubrey define the array variable in order to accommodate an unknown number of test scores?

- A. Dim testScoreArray(count) As Integer
- B. ReDim testScoreArray() As Integer
- C. Dim testScoreArray() As Integer
- D. Dim testScoreArray() as Array

Answer: C

QUESTION 7

Which of the statements about LotusScript Lists is TRUE?

- A. You must call the Append method to add a new element to a List
- B. A List can hold a maximum of 32,768 elements
- C. You can remove single elements from a List using the Erase statement
- D. An element of a List can only be a standard Notes Data Type, not a class object

Answer: C

QUESTION 8

If today's date is January 31, 2010 and you run the following piece of LotusScript:

```
dateString$ = Format(Today, "mm-dd-yy")
```

What would the value of dateString\$ be?

- A. 01-31-10
- B. 01-31-2010
- C. 1-31-10
- D. 1-31-2010

Answer: A

QUESTION 9

Melanie wants to build a script that e-mails a document to the people in the domain's Managers group. There is no need to store the form since it is available in all mail files. Given that doc is the document object, which one of the following will accomplish this goal?

- A. doc.Mail False,"Managers"
- B. doc.Send True,Managers
- C. doc.Send True,"Managers"
- D. doc.Send False,"Managers"

Answer: D

QUESTION 10

Pavel is writing an agent to cycle through a view of documents and delete a field that is no longer needed. The code he has written so far is shown below. What line(s) should Pavel add in place of "MISSING CODE" in order to delete the field?

```
Set doc = view.GetFirstDocument  
Do Until doc Is Nothing  
Set fld = doc.GetFirstItem("oldKey")  
===> MISSING CODE <===  
Set doc = view.GetNextDocument(doc)  
Loop
```

- A. Call fld.Remove
Call doc.Save(True, False)
- B. Call doc.Remove(fld)
Call doc.Save(True, False)
- C. Call fld.Remove
- D. Call doc.Remove(fld)

Answer: A

QUESTION 11

Consider the following in the QuerySave event script:

```
continue=False  
If Source.IsNewDoc Then  
If Source.FieldGetText("Saved")="True" Then  
continue=True  
End If  
End If
```

Which one of the following statements about this script is true?

- A. If the document is new and the field "saved" has a value of "True", then the field "continue" is set to True.
- B. The script will generate an error prior to the IF statements, since the Integer "continue" is being populated with a Boolean value.
- C. The IF statements are never processed, since the Boolean "continue" is set to False prior to the IF statements.
- D. It allows the document to be saved if the document is new and the field "Saved" has a value of "True".

Answer: D

QUESTION 12

The NotesUIWorkspace.ShowDialogBox will display a dialog box to the user, using a design based on which of the following?

- A. A rich text field on the current document
- B. A specified subform
- C. A specified form
- D. A table or layout region on the current document

Answer: C

QUESTION 13

Which of the following CANNOT be searched using the full-text index of a database:

- A. NotesDatabase
- B. NotesDocumentCollection
- C. NotesView
- D. NotesNoteCollection

Answer: D

QUESTION 14

Ignacia is writing code in the QuerySave event of her form. The code will populate the Notify field based on the value of the Status field. Here is what Ignacia has written so far:
Dim ws As New NotesUIWorkspace

```
Dim doc As NotesDocument
Set doc = ws.CurrentDocument.Document
Select Case doc.Status(0)
Case "Draft" : doc.Notify = ""
Case "Submitted" : doc.Notify = "RequestReviewers"
Case "Approved" : doc.Notify = "FullfillmentTeam"
' Completed or Canceled
' Unexpected values for the Status field
End Select
```

What lines should Ignacia add to handle Status values of 'Completed' or 'Canceled', and to handle any unexpected values in the Status field?

- A. Case "Completed", "Canceled" : doc.Notify = ""
Case Else : doc.Notify = "NotesAdministrators"
- B. Case "Completed", "Canceled" : doc.Notify = ""
Case Other : doc.Notify = "NotesAdministrators"
- C. Case "Completed" Or "Canceled" : doc.Notify = ""
Case Else : doc.Notify = "NotesAdministrators"
- D. Case "Completed" Or "Canceled" : doc.Notify = ""
Case Other : doc.Notify = "NotesAdministrators"

Answer: B

QUESTION 15

Aitana is working in the company's Inventory database. She wants to create an array called 'Assembly' that will be used to reference 10 instances of the Part class. Aitana can create a single instance of the Part class using code like this:

```
Dim myPart As New Part
```

But she is having a problem creating the 'Assembly' array. What is wrong with the following line of code?

```
Dim Assembly(9) As New Part
```

- A. If an array declared as Assembly(9) is to hold 10 elements, Option Base 0 must be used.
- B. 'Assembly' is a reserved word in LotusScript, and cannot be used as a variable name.
- C. An array cannot be used to hold multiple Class instances.
- D. The New keyword cannot be used to declare an array of object reference variables.

Answer: D

QUESTION 16

Klaus is examining a sample of the documents in a database. He wants to stop processing after 1000 documents have been processed. Here is the code Klaus has written so far:

```
Dim s As New NotesSession
Dim dc As NotesDocumentCollection
Dim doc As NotesDocument
```

```
Set dc = s.CurrentDatabase.AllDocuments
```

```
Set doc = dc.GetFirstDocument
```

```
Dim i As Integer
```

```
Do Until (doc Is Nothing)
```

```
  i = i + 1
```

```
  If i > 1000 Then
```

```
    ' MISSING LINE
```

```
  End If
```

```
  ' Process document
```

```
Loop
```

What code should Klaus write to replace the MISSING LINE, in order to cause execution to leave the Do Loop after 1000 documents have been processed?

A. Exit Do

B. End Loop

C. End Do

D. Exit Loop

Answer: A

QUESTION 17

Customer documents all include a field called DocKey, which is a computed field populated with this formula: @Text(@DocumentUniqueID). SalesOrder documents all include a CustomerKey field that holds the value of the DocKey for the Customer who placed the order. Leilani is trying to use the following line of code to retrieve a Customer document but her code is not working. What is the problem?

```
Set CustomerDoc = db.GetDocumentByID( SalesOrder.CustomerKey(0) )
```

A. The @Text(@DocumentUniqueID) formula will return a value that includes a colon in the middle of the string. The GetDocumentByID method requires a parameter without the colon.

B. The GetDocumentByID method retrieves a document from a database based on the NoteID, which is a maximum of 8 characters.

C. Leilani needs to include a second parameter of True if she wants to retrieve just a single document.

D. The GetDocumentByID method retrieves a document from a database based on the NoteID, which is not a string value.

Answer: B

QUESTION 18

Jerry has to write an agent that will find all the Accounting documents in a collection of unprocessed documents of a database. Which two lines of LotusScript code could Jerry use to do this?

A. Set documentCollection = dataBase.UnprocessedDocuments

Call documentCollection.GetDocumentsByKey("Accounting", 0)
B. Set documentCollection = dataBase.UnprocessedDocuments
Call documentCollection.FilterDoc("Accounting", 0)
C. Set documentCollection = dataBase.UnprocessedDocuments
Call documentCollection.FTSearch("Accounting", "All")
D. Set documentCollection = dataBase.UnprocessedDocuments
Call documentCollection.FTSearch("Accounting", 0)

Answer: D

QUESTION 19

Given the following agent:

Sub Initialize

Dim i As Integer, j As Integer

i = 1

For j = 0 To 10

AddOne(i)

Next

Print "i = " & i

End Sub

Sub AddOne(i As Integer)

i = i + 1

End Sub

What will be the result of the final Print statement in the Initialize subroutine?

- A. i = 11
- B. i = 1
- C. i = 12
- D. i = 10

Answer: B

QUESTION 20

Shamir needs to write a script that accesses all of the doclinks in a given rich text field.

What LotusScript class will he need to use in order to do this?

- A. NotesRichTextDoclinkCollection
- B. NotesRichTextSection
- C. NotesEmbeddedObject
- D. NotesRichTextNavigator

Answer: D

QUESTION 21

Marvin wants to export a given Notes document to a DXL text file. How would he accomplish this?

- A. He would create a NotesDXLExporter object, set the input to the Notes document in question, and set the output to a String that indicates the path of the text file he wants to create
- B. He would use the NotesXMLTransformer class to copy the document directly to a text file
- C. He would use the ExportDXL method of the NotesDocument class to send the document to a NotesStream that writes to a text file
- D. He would create a NotesDXLExporter object, set the input to the Notes document in question, and set the output to a NotesStream that writes to a text file

Answer: A

QUESTION 22

Given the following agent:

Sub Initialize

Dim session As New NotesSession

Dim db As NotesDatabase

Dim doc As NotesDocument

Dim body As NotesMIMEEntity

Dim stream As NotesStream

Set db = session.CurrentDatabase

Set doc = db.CreateDocument

doc.Form = "Memo"

Set body = doc.CreateMIMEEntity("Body")

Set stream = session.CreateStream

Call stream.WriteText("Hi Joe!")

Call body.SetContentFromText(stream, "text/html", ENC_NONE)

Call stream.Close

Call doc.Save(True, False)

End Sub

What will be in the document that is created?

- A. An empty document
- B. Formatted HTML text in the Body field that says "Hi Joe!" in bold letters
- C. Plain text in the Body field that says "Hi Joe!"
- D. A body field with an attachment that contains the text "Hi Joe!"

Answer: B

QUESTION 23

Which one of the following can Cindy use to determine which values from a document are represented in a view's columns?

- A. The ColumnValues property in the NotesDatabase
- B. The ColumnValues property in the NotesDocument

- C. The ColumnValues property in the NotesUIView
- D. The ColumnValues property in the NotesView

Answer: B

QUESTION 24

Victor is creating a script that will generate multiple values to be put into a single field. Which one of the following strategies should he use?

- A. Define the field on the form to be multivalued.
- B. Create an array to contain the values, and assign the array to the item in the document using the extended class syntax
- C. Create a string identifier that separates values with a carriage return, and write the identifier to the field.
- D. Create a scalar identifier, and use a loop that writes the identifier's value to the field.

Answer: B

QUESTION 25

Victor is creating a script that will generate multiple values to be put into a single field. Which one of the following strategies should he use?

- A. Create a string identifier that separates values with a carriage return, and write the identifier to the field.
- B. Create an array to contain the values, and assign the array to the item in the document using the extended class syntax
- C. Create a scalar identifier, and use a loop that writes the identifier's value to the field.
- D. Define the field on the form to be multivalued.

Answer: B

QUESTION 26

Dave wants to create a script that changes the SystemAdmin group's ACL access. If the SystemAdmin group's access is below Editor, it should be changed to Manager. Which of the following properties and methods should he investigate?

- A. QueryAccess and GrantAccess on the NotesDatabase Object
- B. QueryAccess and QueryRights on the NotesDatabase Object
- C. GrantAccess and QueryRights on the NotesSession object
- D. QueryAccess and GrantAccess on the NotesSession Object

Answer: A

QUESTION 27

LS2J is a technology that allows you to access Java classes and libraries directly from LotusScript. Part of this technology is that certain Java data types are mapped directly to

LotusScript data types. What does a Java String map to in LotusScript?

- A. Array of Bytes
- B. String
- C. Array of Strings
- D. JavaString

Answer: B

QUESTION 28

If you call the Print method of NotesUIDocument with no parameters, what will happen?

- A. The entire document will be printed to the default printer
- B. Only the first page of the document will print to the default printer
- C. A print dialog will appear, prompting the user for print properties
- D. An error will occur, because the first parameter of the Print method is required

Answer: C

QUESTION 29

Ichiro needs to write an agent to read a comma-delimited ASCII file of data concerning parts that his company uses when building computers. The data is from one of the parts suppliers, and includes 10 fields in each record. Ichiro needs to extract the Part Number, Part Description, and Price from each input record and update his company's Inventory database with the current data. How should Ichiro proceed?

- A. Create a user-defined Data Type to represent the structure of the Parts data. Each field of a given input record can be referenced using the appropriate member variable.
- B. Create a user-defined Data Type to represent a Part. Write a 'getter' method for each of the 3 fields that need to be accessed from the Data Type.
- C. Create a user-defined Class to represent the ASCII file. Write a 'getter' method to retrieve each record, and use the NotesStream.SplitText method to extract the fields.
- D. Create a user-defined Class to represent the Parts data. Use notesDOMTextNode.SplitText(",") to parse each field into the appropriate member variable.

Answer: A

QUESTION 30

Avery has been asked to write a web service in his Domino application. The web service will allow an Oracle application to query the Movie Rental database with a member identification number and receive a list of all movies the member has rented in the last 30 days. What are the language options available to Avery for writing this web service?

- A. LotusScript, Java, and @Formula
- B. LotusScript, but not Java

- C. Java, but not LotusScript
- D. LotusScript and Java

Answer: D

QUESTION 31

Jim wants to determine how many entries are in a view's category, so that the result can be written to a new document. Which one of the following classes can Jim use to accomplish this?

- A. NotesViewEntry
- B. NotesSession
- C. NotesView
- D. NotesViewEntryCollection

Answer: D

QUESTION 32

Dawn needs to write an agent's completion date and time to the log.nsf file, regardless of whether the agent has errors. In which agent event can she write code to complete this task?

- A. OnEnd event
- B. Completion event
- C. OnError event
- D. Terminate event

Answer: D

QUESTION 33

Which of the following CANNOT be searched using the full-text index of a database:

- A. NotesNoteCollection
- B. NotesDocumentCollection
- C. NotesDatabase
- D. NotesView

Answer: A

QUESTION 34

User-defined classes in LotusScript are defined in what section of the script?

- A. Classes can be defined anywhere in the script
- B. Initialize
- C. Options
- D. Declarations

Answer: D

QUESTION 35

Given the following piece of code, where "doc" is a NotesDocument:

```
fieldValue = doc.GetItemValue("Title")
```

```
Print "This document's title is " & fieldValue(0)
```

Which of the following is a correct example of using the "Extended class" syntax to replace the example code above?

- A. Print "This document's title is " & doc.GetField.Title
- B. Print "This document's title is " & doc.Title
- C. Print "This document's title is " & doc.Title(0)
- D. Print "This document's title is " & doc.GetField.Title(0)

Answer: C

QUESTION 36

If you want a block of LotusScript to run AFTER a document opens but BEFORE the user has control of it, what form event could you use to put the code into?

- A. onLoad
- B. PostModeChange
- C. QueryOpen
- D. QueryModeChange

Answer: A

QUESTION 37

In a database with soft deletions enabled, which of the following methods will remove a NotesDocument permanently, making a hard deletion instead of a soft deletion?

- A. NotesDocument.Remove(True)
- B. NotesDocument.HardDelete
- C. NotesDocument.Remove
- D. NotesDocument.RemovePermanently

Answer: D

QUESTION 38

Marilyn is writing code that prompts users to specify a database to copy. She wants to make sure the database name specified is correct before a copy is made. Which one of the following sets of properties and methods should she use on the NotesDatabase object?

- A. IsOpen property, Open method
- B. New method, Open property

- C. IsOpen method, Open property
- D. Created property, Open method

Answer: A

QUESTION 39

Which of the following is a characteristic of the web services design object?

- A. All current LotusScript agents can be converted to web services by changing their design element type from "agent" to "web service"
- B. Web services in LotusScript must be written as Classes
- C. LotusScript web services can only be used by other Domino servers
- D. Only Java can be used to create web services, not LotusScript

Answer: B

QUESTION 40

The Err() function returns what value?

- A. The current error message
- B. Nothing. It is used to check for errors in calculations
- C. The current error number
- D. The current error line

Answer: C

QUESTION 41

What does the following code do?

```
Dim session As New NotesSession
Dim location As String
location = session.GetEnvironmentString("ENVLoc")
```

- A. Gets the value of the Notes.ini variable called "\$ENVLoc"
- B. Gets the value of the Notes registry entry called "ENVLoc"
- C. Gets the value of the DOS environment variable called "ENVLoc"
- D. Gets the value of the Notes.ini variable called "ENVLoc"

Answer: A

QUESTION 42

You want to open a text file on your local hard drive so you can read it in LotusScript. You are looking at the following two code snippets as possible ways of doing this:

SNIPPET #1:

```
fileNum% = FreeFile()
Open "c:\myfile.txt" For Input As fileNum%
```

SNIPPET #2:

```
Dim session As New NotesSession
```

```
Dim stream As NotesStream
```

```
Set stream = session.CreateStream
```

```
Call stream.Open("c:\myfile.txt")
```

Which of the two code snippets above could you use?

- A. Only the first snippet will work, because NotesStream can only read binary files
- B. Only the second snippet will work, because the Open statement has been replaced by the NotesStream class in Notes/Domino 7
- C. Both snippets will work
- D. Neither snippet will work

Answer: C

QUESTION 43

Consider the following line of code:

```
doc.save False, True
```

Assume the object doc is created and represents a new document in a database. Which one of the following does the code do?

- A. Saves the memory version of the document only.
- B. Saves the document with fields defined in the form.
- C. Saves the document, creating a conflict if necessary.
- D. Saves the document if it hasn't been opened elsewhere.

Answer: C

QUESTION 44

What will the following code accomplish?

```
Dim s As New NotesSession
```

```
Dim db As NotesDatabase
```

```
Set db=s.CurrentDatabase
```

```
db.UpdateFTIndex(True)
```

- A. If the current database is local, it will create the full text index only.
- B. If the current database is local, it will update the full text index and create it if necessary.
- C. If the current database is on the server, it will create the full text index and update it.
- D. If the current database is on the server, it will replace the current index with a new one.

Answer: B

QUESTION 45

Smirni is using the LotusScript Debugger to debug an agent, and he wants to change the value of a variable in the agent as it is running in order to see how it affects the outcome

of the script. He paused the script at a breakpoint where the variable is visible and has been set. How can he change the variable's value from the debugger?

- A. He can use the menu option Tools - Modify Variable
- B. He cannot modify the variable's value from the debugger. He will have to modify the script in Designer and run the agent again.
- C. He can change it directly from the Variables panel in the debugger
- D. He can add a line of script in the debugger that will set the variable to the desired value

Answer: C

QUESTION 46

Ignacia is writing code in the QuerySave event of her form. The code will populate the Notify field based on the value of the Status field. Here is what Ignacia has written so far:

```
Dim ws As New NotesUIWorkspace
Dim doc As NotesDocument
Set doc = ws.CurrentDocument.Document
Select Case doc.Status(0)
Case "Draft" : doc.Notify = ""
Case "Submitted" : doc.Notify = "RequestReviewers"
Case "Approved" : doc.Notify = "FullfillmentTeam"
' Completed or Canceled
' Unexpected values for the Status field
End Select
```

What lines should Ignacia add to handle Status values of 'Completed' or 'Canceled', and to handle any unexpected values in the Status field?

- A. Case "Completed" Or "Canceled" : doc.Notify = ""
Case Other : doc.Notify = "NotesAdministrators"
- B. Case "Completed" Or "Canceled" : doc.Notify = ""
Case Else : doc.Notify = "NotesAdministrators"
- C. Case "Completed", "Canceled" : doc.Notify = ""
Case Else : doc.Notify = "NotesAdministrators"
- D. Case "Completed", "Canceled" : doc.Notify = ""
Case Other : doc.Notify = "NotesAdministrators"

Answer: D

QUESTION 47

For agents that run on new and modified documents, newly received mail documents, pasted documents, or newly modified documents, what method can you use to mark each document as "processed" to ensure that a document gets processed by the agent only once (unless it's modified, mailed, or pasted again)?

- A. NotesView.UpdateAll

- B. NotesSession.UpdateProcessedDoc
- C. NotesDocument.SetProcessed
- D. NotesDocumentCollection.Stamp

Answer: B

QUESTION 48

Gunner would like the cursor to move to the Company field when the form is opened. Which one of the following sets of events and methods on the NotesUIDocument object should he use?

- A. QueryOpen,GoToNextField
- B. QueryOpen, GoToField
- C. PostOpen, GoToField
- D. Field entering, GoToBottom

Answer: C

QUESTION 49

Marjorie is writing an agent to update all selected documents. What NotesDatabase property or method should she use to retrieve a collection of the documents that the user has selected?

- A. Search method on the database object
- B. FTSearch method on the database object
- C. UnprocessedDocuments property on the database object
- D. AllDocuments property on the database object

Answer: C

QUESTION 50

Shelley is writing a LotusScript agent that will retrieve a Rich Text field from a document that contains text and three graphics. The text portion of the Rich Text field will be used to create an email that will be sent to the document owner. Which Rich Text method will allow Shelley to get just the text without the graphics?

- A. GetUnicodeText()
- B. GetTextValue()
- C. GetTextOnly()
- D. GetUnformattedText()

Answer: D

QUESTION 51

Given the following agent:
Sub Initialize

```
Dim i As Integer, j As Integer
i = 1
For j = 0 To 10
    AddOne(i)
Next
Print "i = " & i
End Sub
Sub AddOne(i As Integer)
    i = i + 1
End Sub
```

What will be the result of the final Print statement in the Initialize subroutine?

- A. i = 1
- B. i = 12D.i = 12
- C. i = 11C.i = 11
- D. i = 10

Answer: A

QUESTION 52

Melanie wants to build a script that e-mails a document to the people in the domain's Managers group. There is no need to store the form since it is available in all mail files. Given that doc is the document object, which one of the following will accomplish this goal?

- A. doc.Send True,Managers
- B. doc.Mail False,"Managers"
- C. doc.Send True,"Managers"
- D. doc.Send False,"Managers"

Answer: D

QUESTION 53

Which uidocument class property or method controls synchronizing the uidocument with its back-end document?

- A. AutoReload method
- B. AutoRefresh method
- C. AutoRefresh property
- D. AutoReload property

Answer: D

QUESTION 54

What is represented by returnUrl in the code below? Set view = db.GetView("By Category") Set returnUrl = view.GetAllEntriesByKey("Manager")

- A. A NotesViewEntryCollection of all entries in the "By Category" view; each entry must have a value that begins with the string "Manager" in the first sorted column.
- B. A NotesDocumentCollection of all documents in the "By Category" view that have a value of "Manager" in the first sorted column.
- C. A NotesViewEntryCollection of all entries in the "By Category" view; each entry must have a value equal to "Manager" in the first sorted column.
- D. A NotesDocumentCollection of all documents in the "By Category" view that have a value that begins with the string "Manager" in the first sorted column.

Answer: A

QUESTION 55

Hoshiko is writing a LotusScript agent that will iterate through a view and display a MessageBox when a value of "Overdue" is found in the Status field of a document. The Status field is the first column in the view she is using. Why would Hoshiko use a ColumnValue property instead of a document Item property to retrieve the Status field value?

- A. Retrieving the ColumnValue property is more efficient than retrieving the field from the document.
- B. The ColumnValue property has the most recent changes to the field.
- C. The Item property of the document must first be converted to Unicode before the MessageBox can be displayed.
- D. The ColumnValue property is indexed for view iteration.

Answer: A

QUESTION 56

Arlene wanted to remove a view from a database, so she wrote an agent with the following code:

```
Dim session As New NotesSession
Dim db As NotesDatabase
Dim view As NotesView
Set db = session.CurrentDatabase
Set view = db.GetView("Special Documents")
Call view.Remove
```

Unfortunately, the "Special Documents" design element was actually a folder, not a view. What happened when the script ran?

- A. Nothing, because GetView does not return references to folders.
- B. Nothing, because the Remove method only applies to views, not folders.
- C. The folder was emptied.
- D. The folder was deleted.

Answer: D

QUESTION 57

Glenda is writing an agent that processes all Suggestion documents with the Status field equal to "Pending". These documents are in a view that has a selection formula of Status = "Pending". As each document is processed in the agent, the Status field is updated to "Processed". Which NotesView property can Glenda use to prevent the view from refreshing until she has processed all the documents?

- A. StaticUpdate
- B. Refresh
- C. AutoRefresh
- D. AutoUpdate

Answer: D

QUESTION 58

Ichiro needs to write an agent to read a comma-delimited ASCII file of data concerning parts that his company uses when building computers. The data is from one of the parts suppliers, and includes 10 fields in each record. Ichiro needs to extract the Part Number, Part Description, and Price from each input record and update his company's Inventory database with the current data. How should Ichiro proceed?

- A. Create a user-defined Data Type to represent a Part. Write a 'getter' method for each of the 3 fields that need to be accessed from the Data Type.
- B. Create a user-defined Class to represent the Parts data. Use `notesDOMTextNode.SplitText(", ")` to parse each field into the appropriate member variable.
- C. Create a user-defined Data Type to represent the structure of the Parts data. Each field of a given input record can be referenced using the appropriate member variable.
- D. Create a user-defined Class to represent the ASCII file. Write a 'getter' method to retrieve each record, and use the `NotesStream.SplitText` method to extract the fields.

Answer: C

QUESTION 59

What will the following code accomplish?

```
Dim s As New NotesSession
Dim db As NotesDatabase
Set db=s.CurrentDatabase
db.UpdateFTIndex(True)
```

- A. If the current database is on the server, it will replace the current index with a new one.
- B. If the current database is local, it will create the full text index only.
- C. If the current database is on the server, it will create the full text index and update it.
- D. If the current database is local, it will update the full text index and create it if

necessary.

Answer: D

QUESTION 60

The following code will print the file names of all the databases on a given server:

```
Dim dblist As New _____("MyServer")
```

```
Dim db As NotesDatabase
```

```
Set db = dblist.GetFirstDatabase(DATABASE)
```

```
While Not(db Is Nothing)
```

```
Print db.FileName & " = " & db.Title
```

```
Set db = dblist.GetNextDatabase
```

```
Wend
```

What is the missing Notes class type of the "dblist" variable above?

- A. NotesDatabaseList
- B. NotesDatabaseCollection
- C. NotesDbDirectory
- D. NotesServerDirectory

Answer: C

QUESTION 61

Miriam needs to email a button to her users to open the user's Personal Address Book(s) and update Connection documents, but the code produces an error at the line indicated below. What is causing the error?

```
Dim session As New NotesSession
```

```
Dim view As NotesView
```

```
Dim doc As NotesDocument
```

```
Dim addrBooks As Variant
```

```
addrBooks = session.AddressBooks
```

```
Forall book In addrBooks
```

```
If book.IsPrivateAddressBook Then
```

```
Set view = book.GetView( "Connections" ) <== Error is thrown here
```

```
' -- code continues
```

- A. Connections documents and other special notes from a Personal Address Book cannot be modified via script while the Personal Address Book is open.
- B. A Personal Address Book is a special design. Miriam needs to use NotesAddressBook.GetConnections, and then cycle through the returned NotesDocumentCollection
- C. NotesSession.AddressBooks returns a collection of Domino Directories and Personal Address Books, including directory catalogs, known to the current session. A database retrieved from this collection is closed. Miriam needs to open the database.
- D. NotesSession.AddressBooks returns a collection of the Domino Directories and directory catalogs known to the current session. Personal Address Books are not part of

this collection. Miriam must use NotesDatabase.Open("", "names.nsf")

Answer: C

QUESTION 62

For agents that run on new and modified documents, newly received mail documents, pasted documents, or newly modified documents, what method can you use to mark each document as "processed" to ensure that a document gets processed by the agent only once (unless it's modified, mailed, or pasted again)?

- A. NotesDocument.SetProcessed
- B. NotesSession.UpdateProcessedDoc
- C. NotesView.UpdateAll
- D. NotesDocumentCollection.Stamp

Answer: B

QUESTION 63

Which of the statements about LotusScript Lists is TRUE?

- A. You must call the Append method to add a new element to a List
- B. You can remove single elements from a List using the Erase statement
- C. An element of a List can only be a standard Notes Data Type, not a class object
- D. A List can hold a maximum of 32,768 elements

Answer: B

QUESTION 64

Which one of the following properties allows Jim to change the title on an object of the NotesDatabase class?

- A. The IsTitle property on the NotesDatabase class
- B. The MakeTitle method on the NotesDatabase class
- C. The Title property on the NotesDatabase class
- D. The MakeTitle method on the NotesSession class

Answer: C

QUESTION 65

Jerry has to write an agent that will find all the Accounting documents in a collection of unprocessed documents of a database. Which two lines of LotusScript code could Jerry use to do this?

- A. Set documentCollection = dataBase.UnprocessedDocuments
Call documentCollection.FTSearch("Accounting", "All")
- B. Set documentCollection = dataBase.UnprocessedDocuments

Call documentCollection.FilterDoc("Accounting", 0)
C. Set documentCollection = dataBase.UnprocessedDocuments
Call documentCollection.GetDocumentsByKey("Accounting", 0)
D. Set documentCollection = dataBase.UnprocessedDocuments
Call documentCollection.FTSearch("Accounting", 0)

Answer: D

QUESTION 66

Kendra has been asked to troubleshoot an issue in the Movie Rental application. In one of the LotusScript agents, she sees the following:

```
Class Movie
movieTitle As String
movieDueDate As Variant
movieYearReleased As Integer
Sub New (tMovieTitle As String, _
tMovieDueDate As Variant, _
tMovieYearReleased As Integer)
movieTitle = tMovieTitle
movieDueDate = tMovieDueDate
movieYearReleased = tMovieYearReleased
End Sub
Sub DisplayDueDate
MessageBox "This movie is due on " + Cstr(Me.movieDueDate)
End Sub
End Class
```

What is this an example of?

- A. User-defined script library
- B. User-defined data type
- C. User-defined class
- D. User-defined object

Answer: C

QUESTION 67

Jim is creating an action that will use documents based on a user-selected value. This value will be compared with the Region field on documents in the Sales database, residing on the HUB_Dunn/Dunn server. The user-entered value is referred to in the Rlookup identifier in the code.

The code so far is:

```
Dim col As NotesDocumentCollection
Dim db As New NotesDatabase("HUB_Dunn/Dunn", "SALES.NSF")
Dim dt As New NotesDateTime("01/01/90")
Dim srchstr As String
```

Which one of the following lines of code will return the correct collection?

- A. srchstr="Region="+Rlookup
set col=db.search(srchstr,dt,0)
- B. srchstr=Rlookup
set col=db.search(srchstr,dt,0)
- C. srchstr="Select region="+|"+Rlookup+|"
set col=dbsearch(srchstr,dt,0)
- D. srchstr="Region="+|"+Rlookup+|"
set col=db.search(srchstr,dt,0)

Answer: D

QUESTION 68

What is the correct way to get a reference to the current web document in a script that is called from a WebQueryOpen event?

- A. NotesSession.DocumentContext
- B. NotesSession.WebDocument
- C. NotesAgent.CurrentDocument
- D. NotesUIDocument.Document

Answer: A

QUESTION 69

Henri wrote an agent that uses the NotesBuildVersion property of NotesSession to return diagnostic information in a log database. If a user opens the database and runs the agent manually, it returns the release number of that user's Lotus Notes client. If the agent is run as a scheduled agent on the server, which value will be returned?

- A. The release number of the client that Henri used to save the agent
- B. Nothing
- C. The release number of the server
- D. The release number of the client of the last person to run the agent

Answer: C

QUESTION 70

A Notes view can have one or more aliases, that allow it to be referenced by multiple names. How would you get a list of all the aliases of a given view?

- A. By using the NotesView.Name property for that view, and accessing every element in the array of names after the first one
- B. By getting the UniversalID of the view, and then opening it as a NotesDocument and examining the contents of the \$\$Aliases field
- C. By using the NotesView.Aliases property for that view
- D. You cannot access a view's aliases using standard LotusScript calls.

Answer: C

QUESTION 71

Gabriella's agent needs to compress files using the zip format. She has located a file named "zipFile.java" containing Java code to do the file compression. How can Gabriella use this Java routine from within her LotusScript agent?

- A. Invoke the Java to LotusScript conversion routine using the format: j2ls "zipFile.java" <outputfilename> -source Import the converted source file into the script agent by including this line in the Options section: %INCLUDE "outputfilename.lss"
- B. Create a Java script library containing the file compression code. Add this line to the Options section of the agent: Uselsx "*javacon" Reference the Java script library with a "Use" statement. Use the LS2J classes to instantiate a JavaSession and call the Java class.
- C. Add this line in the Options section of the agent: Uselsx "*javacon"
Paste the Java source code between %JAVA and %ENDJAVA tags in the Declarations section. Call the Java classes using the format: myObject = New J2LS(JavaClassName)
- D. Save the java source using an extension of ".jss". In the Options of the script agent, add %INCLUDE "zipFile.jss"
Access the java classes using the format: myObject = New LS2J(JavaClassName)

Answer: B

QUESTION 72

Given the following LotusScript Agent:

Sub Initialize

Dim session As New NotesSession

Dim db As NotesDatabase

Dim doc As NotesDocument

Set db = session.CurrentDatabase

Set doc = New NotesDocument(db)

doc.Subject = "New Document"

Call doc.ComputeWithForm(False, False)

End Sub

What will happen after this Agent is run?

- A. A new document will exist in the database, with no Form associated with it
- B. No new document will exist in the database because ComputeWithForm will fail with no Form defined on the document
- C. No new document will exist in the database because the NotesDocument was never saved
- D. A new document will exist in the database, using the Default Form in the database

Answer: C

QUESTION 73

Which of the following is a characteristic of the web services design object?

- A. All current LotusScript agents can be converted to web services by changing their design element type from "agent" to "web service"
- B. Only Java can be used to create web services, not LotusScript
- C. LotusScript web services can only be used by other Domino servers
- D. Web services in LotusScript must be written as Classes

Answer: D

QUESTION 74

At Halim's company, the "Bulletin Board" databases are used quite heavily. Employees use the databases to list items for sale, to post general notices, and to ask for feedback about various subjects. Halim has written an agent to update some settings on the databases on the BulletinBoard server. The agent runs and does not generate any errors, but the databases remain unchanged.

----- Code snippet -----

```
Set db = dir.GetFirstDatabase(NOTES_DATABASE)
Do Until (db Is Nothing)
Set rep = db.ReplicationInfo
rep.Priority = DB_REPLICATION_PRIORITY_LOW
rep.CutOffDelete = True
rep.CutOffInterval = 10
Set db = dir.GetNextDatabase
Loop
End Sub
```

What is the problem?

- A. The call to dir.GetNextDatabase does not include a (db) parameter. This is the same as passing a null argument, which results in the call fetching the first database in the directory again and again. The agent eventually times out, and so no changes are saved.
- B. ReplicationInfo is a read-only property that includes information such as replication history. Halim needs to highlight a target database in the Notes client, and select File > Replication > Settings to make these changes.
- C. Halim did not include a folder parameter in the GetFirstDatabase call. If the top level data folder is empty, the agent skips the loop.
- D. Halim must call the Save method after updating any properties of the NotesReplication class; otherwise, changes are lost.

Answer: D

QUESTION 75

Devin's canonical Notes name is CN=Devin Smith/OU=Accounting/O=ACME. When he clicks an action button in an email he received, a messagebox appears that includes this

text:

Devin Smith is running Notes 7.0

What is the underlying code that produces this message?

A. Dim session As New NotesSession

Dim db As NotesDatabase

Set db = session.CurrentDatabase

MessageBox db.UserName + " is running " + db.NotesVersion

B. Dim session As New NotesSession

Dim db As NotesDatabase

Set db = session.CurrentDatabase

MessageBox db.CommonUserName + " is running " + db.NotesVersion

C. Dim session As New NotesSession

MessageBox session.UserName + " is running " + session.NotesVersion

D. Dim session As New NotesSession

MessageBox session.CommonUserName + " is running " + session.NotesVersion

Answer: D

QUESTION 76

Miriam needs to email a button to her users to open the user's Personal Address Book(s) and update Connection documents, but the code produces an error at the line indicated below. What is causing the error?

```
Dim session As New NotesSession
```

```
Dim view As NotesView
```

```
Dim doc As NotesDocument
```

```
Dim addrBooks As Variant
```

```
addrBooks = session.AddressBooks
```

```
Forall book In addrBooks
```

```
If book.IsPrivateAddressBook Then
```

```
Set view = book.GetView( "Connections" ) <== Error is thrown here
```

```
' -- code continues
```

A. Connections documents and other special notes from a Personal Address Book cannot be modified via script while the Personal Address Book is open.

B. NotesSession.AddressBooks returns a collection of Domino Directories and Personal Address Books, including directory catalogs, known to the current session. A database retrieved from this collection is closed. Miriam needs to open the database.

C. NotesSession.AddressBooks returns a collection of the Domino Directories and directory catalogs known to the current session. Personal Address Books are not part of this collection. Miriam must use NotesDatabase.Open("", "names.nsf")

D. A Personal Address Book is a special design. Miriam needs to use NotesAddressBook.GetConnections, and then cycle through the returned NotesDocumentCollection

Answer: B

QUESTION 77

Smirni is using the LotusScript Debugger to debug an agent, and he wants to change the value of a variable in the agent as it is running in order to see how it affects the outcome of the script. He paused the script at a breakpoint where the variable is visible and has been set. How can he change the variable's value from the debugger?

- A. He can use the menu option Tools - Modify Variable
- B. He can change it directly from the Variables panel in the debugger
- C. He cannot modify the variable's value from the debugger. He will have to modify the script in Designer and run the agent again.
- D. He can add a line of script in the debugger that will set the variable to the desired value

Answer: B

QUESTION 78

Aitana is working in the company's Inventory database. She wants to create an array called 'Assembly' that will be used to reference 10 instances of the Part class. Aitana can create a single instance of the Part class using code like this:

Dim myPart As New Part

But she is having a problem creating the 'Assembly' array. What is wrong with the following line of code?

Dim Assembly(9) As New Part

- A. If an array declared as Assembly(9) is to hold 10 elements, Option Base 0 must be used.
- B. 'Assembly' is a reserved word in LotusScript, and cannot be used as a variable name.
- C. The New keyword cannot be used to declare an array of object reference variables.
- D. An array cannot be used to hold multiple Class instances.

Answer: C

QUESTION 79

Brennan has an agent that requires an error handling routine that displays the LotusScript error number and associated error message in a dialog box. What code example below will accomplish this requirement?

A. ErrRoutine:

MessageBox CStr(Err) + " - " + Error\$

Exit Sub

B. ErrRoutine:

Print ErrNum + " - " + ErrStatement

Exit Sub

C. ErrRoutine:

MessageBox Err + " - " + Error\$

```
Exit Sub
D. ErrRoutine:
Print CStr(Err) + " - " + Error$
Exit Sub
```

Answer: A

QUESTION 80

Andrew is developing LotusScript that will return field values from documents based on user-selected criteria. Which one of the following strategies will meet his requirements?

- A. Use the GetView method on the database object to access a view that meets the criteria.
- B. Use the CreateUserView method on the database object to create a view with the appropriate documents
- C. Use the Search method on the database object to generate a collection based on the criteria.
- D. Use the EvaluateSearch method on the database object to generate a collection based on the criteria

Answer: C

QUESTION 81

What does the following code do?

```
Dim session As New NotesSession
Dim location As String
location = session.GetEnvironmentString("ENVLoc")
```

- A. Gets the value of the DOS environment variable called "ENVLoc"
- B. Gets the value of the Notes registry entry called "ENVLoc"
- C. Gets the value of the Notes.ini variable called "\$ENVLoc"
- D. Gets the value of the Notes.ini variable called "ENVLoc"

Answer: C

QUESTION 82

A Notes view can have one or more aliases, that allow it to be referenced by multiple names. How would you get a list of all the aliases of a given view?

- A. By getting the UniversalID of the view, and then opening it as a NotesDocument and examining the contents of the \$\$Aliases field
- B. By using the NotesView.Name property for that view, and accessing every element in the array of names after the first one
- C. By using the NotesView.Aliases property for that view
- D. You cannot access a view's aliases using standard LotusScript calls.

Answer: C

QUESTION 83

Which one of the following can Cindy use to determine which values from a document are represented in a view's columns?

- A. The ColumnValues property in the NotesDocument
- B. The ColumnValues property in the NotesUIView
- C. The ColumnValues property in the NotesView
- D. The ColumnValues property in the NotesDatabase

Answer: A

QUESTION 84

Jane is creating a script that deletes a database. The script prompts the user for the location of the database to be deleted, then deletes it. What must she do in order to ensure the NotesDatabase Object (db) is representing a database?

- A. Use the Open property on the NotesDatabase object
- B. Use the CreatedDate property on the NotesDatabase object
- C. Use the IsOpen property on the NotesDatabase object
- D. Open the database using the constructor Sub (New) on the NotesDatabase object

Answer: C

QUESTION 85

Shamir needs to write a script that accesses all of the doclinks in a given rich text field. What LotusScript class will he need to use in order to do this?

- A. NotesRichTextDoclinkCollection
- B. NotesEmbeddedObject
- C. NotesRichTextSection
- D. NotesRichTextNavigator

Answer: D

QUESTION 86

What is the correct way to get a reference to the current web document in a script that is called from a WebQueryOpen event?

- A. NotesSession.WebDocument
- B. NotesSession.DocumentContext
- C. NotesUIDocument.Document
- D. NotesAgent.CurrentDocument

Answer: B

QUESTION 87

Given the following LotusScript Agent:

```
Sub Initialize
```

```
Dim session As New NotesSession
```

```
Dim db As NotesDatabase
```

```
Dim doc As NotesDocument
```

```
Set db = session.CurrentDatabase
```

```
Set doc = New NotesDocument(db)
```

```
doc.Subject = "New Document"
```

```
Call doc.ComputeWithForm( False, False )
```

```
End Sub
```

What will happen after this Agent is run?

- A. A new document will exist in the database, using the Default Form in the database
- B. No new document will exist in the database because the NotesDocument was never saved
- C. No new document will exist in the database because ComputeWithForm will fail with no Form defined on the document
- D. A new document will exist in the database, with no Form associated with it

Answer: B

QUESTION 88

The NotesUIWorkspace.DialogBox will display a dialog box to the user, using a design based on which of the following?

- A. A specified subform
- B. A specified form
- C. A rich text field on the current document
- D. A table or layout region on the current document

Answer: B

QUESTION 89

Sally has a form she wants to open in Edit mode if the status field is Open. When the status field is Closed, the form should open the document in Read mode. Which one of the following PostOpen events will accomplish this?

```
A. Dim uidoc As NotesUIDocument  
Set uidoc=source  
if uidoc.FieldGetText("status")="Open" then  
uidoc.Mode=True  
end if
```

B. Dim uidoc As NotesUIDocument
Set uidoc=source
if uidoc.FieldSetText("status","Open") then
uidoc.EditMode=True
end if
C. Dim uidoc As NotesUIDocument
Set uidoc=source
if uidoc.FieldGetText("status")="Open" then
uidoc.EditMode=True
end if
D. Dim uidoc As NotesUIDocument
Set uidoc=source
if uidoc.FieldGetText("status")="Open" then
doc.EditMode=True
end if

Answer: C

QUESTION 90

Chris has imported a number of documents into a Notes database that contain MIME data. He now needs to write an agent that will display the type of MIME encoding for the data. What code fragment below will get the MIME entry and display the encoding type?

A. Set mime = doc.GetFirstMIMEEntry
MessageBox "Encoding type: " + Cstr(mime.Encoding)
B. Set mime = doc.GetAllMIMEEntries
MessageBox "Encoding type: " + mime.Encoding
C. Set mime = doc.GetMIMEEntity
MessageBox "Encoding type: " + Cstr(mime.Encoding)
D. Set mime = doc.GetFirstItem(mime)
MessageBox "Encoding type: " + mime.Encoding

Answer: C