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Exam : 190-753

Title : Using JavaScript in IBM Lotus Domino 7
Applications

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QUESTION 1:

Paula is developing the Customer Registration form for her medical supply company. She already has a variable, frm, that references the current form. When a new customer is registering from the company Web site, if the customer enters "Dr." in the Title field, Paula wants to place the cursor in the Specialty field when the user leaves the Title field. What code should Paula use to accomplish this?

- A. Place this code in the onBlur event of the Title field:
if (this.value == "Dr.") { frm.Specialty.Select(); }
- B. Place this code in the exiting event of the Title field:
if (frm.Title.value == "Dr.") { frm.Specialty.Select(); }
- C. Place this code in the onBlur event of the Title field:
if (this.value == "Dr.") { frm.Specialty.focus(); }
- D. Place this code in the exiting event of the Title field:
if (frm.Title.value == "Dr.") { frm.Specialty.focus(); }

Answer: C

QUESTION 2:

Devon has placed the following code in the JS Header event of a form:

```
function userConfirm( )  
{  
if( confirm( "Do you wish to continue" ))  
{  
promptUser( );  
}  
function promptUser( )  
{  
x = prompt( "Please enter some text", "" );  
alert( x );  
}  
}
```

There is a button on the form where the onClick event is: userConfirm().

Which one of the following will happen when the user chooses "Yes" in the confirmation prompt?

- A. A run-time error will appear, stating that the promptUser() function is undefined, since it was defined after the userConfirm() function.
- B. The promptUser() function will run and ask the user to input a value, which will then be posted in a confirm prompt.
- C. The promptUser() function will run with an input prompt asking the user to input a value, which will then be posted in an alert prompt.
- D. The promptUser() function will run and display an error message, "Please enter some text".

Answer: C

QUESTION 3:

Ian has a checkbox field on his Domino form named Ingredients. He would like to code a JavaScript button to iterate through all the selected values in the field and display an alert message for each one. What code would accomplish this for Ian?

- A.

```
for (var i=0; i<document.forms[0].Ingredients; i++ {  
  if (document.forms[0].Ingredients[i].selected == true) {  
    alert("This ingredient is " + document.forms[0].Ingredients[i])  
  }  
}
```
- B.

```
for (var i=0; i<document.forms[0].Ingredients[i].length; i++ {  
  if (document.forms[0].Ingredients.checked == true) {  
    alert("This ingredient is " + document.forms[0].Ingredients.value)  
  }  
}
```
- C.

```
for (var i=0; i<document.forms[0].ingredients.length; i++ {  
  if (document.forms[0].ingredients[i].checked == true) {  
    alert("This ingredient is " + document.forms[0].ingredients[i].value)  
  }  
}
```
- D.

```
for (var i=0; i<document.forms[0].Ingredients.length; i++ {  
  if (document.forms[0].Ingredients[i].checked == true) {  
    alert("This ingredient is " + document.forms[0].Ingredients[i].value)  
  }  
}
```

Answer: D

QUESTION 4:

Sandra is developing an application to allow customers to browse and edit their contact information from their Web browser. She has created the CustInfo form and has the needed fields created on the form. Sandra already has a variable called "docUNID" that contains the Universal ID of the current document, and a variable called "thisDb" that contains the URL of the current database (including a forward slash at the end of the URL). What JavaScript should she use in the "Edit" button to open the current document in edit mode?

- A.

```
x = thisDb + "CustInfo/" + docUNID + "/&EditDocument";  
location = x;
```
- B.

```
x = thisDb + "0/" + docUNID + "/?EditDocument";  
location = x;
```
- C.

```
x = thisDb + "CustInfo/" + docUNID + "/&Edit";  
location = x;
```
- D.

```
x = thisDb + "/" + docUNID + "/?Edit";  
location = x;
```

Answer: B

QUESTION 5:

Which one of the following designated lines has incorrect code?

```
// initialize the variables
secsPerMin = 60; // <LINE A>
var minsPerHour = 60;
var hoursPerDay = 24;
var daysPerYear = 365;
// perform calculations
var secsPerDay = secsPerMin * minsPerHour * hoursPerDay; //<LINE B>
var secsPerYear = secsPerDay * daysPerYear;
document.writeln("<b>There are ");
document.writeln(secsperYear); //<LINE C>
document.writeln(" seconds per year.</b><p>"); //<LINE D>
```

- A. <LINE D>
- B. <LINE B>
- C. <LINE C>
- D. <LINE A>

Answer: C

QUESTION 6:

Anand has coded the getDateDMY() function, which returns the current date in dd-mmm-yyyy format (e.g., "01-Dec-2008"). He has used the JS Header event to make the function available to the HelpRequest form. Anand wants to add some code so that the title of HelpRequest documents display at the top of the browser window as "Help Request - " and the current date. What code should Anand write, and where should the code be placed?

- A. Add this code to the form's onLoad event:
document.title = "Help Request - " + getDateDMY();
- B. Add this code to the form's JS Header event:
document.forms[0].title = "New Help Request - " + toString(getDateDMY());
- C. Add this code to the form's JS Header event:
document.title = "New Help Request - " + toString(getDateDMY());
- D. Add this code to the form's onLoad event:
document.forms[0].title = "Help Request - " + getDateDMY();

Answer: A

QUESTION 7:

Sandra is developing an application to allow customers to browse and edit their contact information from their Web browser. She has created the CustInfo form and has the needed fields created on the form. Sandra already has a variable called "docUNID" that contains the Universal ID of the current document, and a variable called "thisDb" that contains the URL of the current database (including a forward slash at the end of the URL). What JavaScript should she use in the "Edit" button to open the current document in edit mode?

- A. `x = thisDb + "CustInfo/" + docUNID + "&Edit";`
`location = x;`
- B. `x = thisDb + "0/" + docUNID + "?EditDocument";`
`location = x;`
- C. `x = thisDb + "CustInfo/" + docUNID + "&EditDocument";`
`location = x;`
- D. `x = thisDb + "/" + docUNID + "?Edit";`
`location = x;`

Answer: B

QUESTION 8:

Locke wants to add some JavaScript to the "HTML Head Content" section of a form. How can he do this?

- A. Write a Formula language block of code that will output the proper JavaScript
- B. Add a JavaScript Script Library as a Resource to the "HTML Head Content" section
- C. Write the JavaScript directly in the "HTML Head Content" section
- D. Write some LotusScript that will output the proper JavaScript using Print statements

Answer: A

QUESTION 9:

Edith wants to change a graphic whenever the user passes the cursor over the graphic in a Web browser. Which one of the following describes how she can do this?

- A. She should write the location (URL) of the new image to the src property of the image in the onSelect event and set it back to the original image in the onMouseUp event.
- B. She Certkiller to do this; images Certkiller to be changed.
- C. She should write the location (URL) of the new image to the src property of the image in the onMouseOver event and set it back to the original image in the onMouseOut event.
- D. She should write the location (URL) of the new image to the value property of the image in the onMouseOver event and set it back to the original image in the onMouseUp event.

Answer: C

QUESTION 10:

Felicia executes the following code in her Notes form:

```
squareNum = 5;  
alert("The square of 5 is " + square(squareNum));  
function square(tmpnum) {  
  return square = tmpnum * tmpnum;  
}
```

What will be returned from this code?

- A. The square of 5 is 25
- B. The square of 5 is NaN
- C. The square of 5 is 5
- D. JavaScript error - tmpnum is not defined

Answer: A

QUESTION 11:

Certkiller is using the history object to create a dynamic back button on a Video form. The history object is under which one of the following objects?

- A. past
- B. window
- C. document
- D. location

Answer: B

QUESTION 12:

Chad has developed a Web form that includes the custID field, in which the user can enter a Customer ID number. Chad is already populating a variable called "thisDb", containing the URL of the current database (including a forward slash at the end). Chad is now coding a button to place after the custID field on the form. If the user enters a Customer ID number and clicks the button, a document should open, displaying that Customer's data. The database already contains the "CustomersByID" view of Customer documents sorted by custID. What JavaScript should Chad write in the button code?

- A. `var custID = document.forms[0].custID.value;
var url = thisDb + "CustomersByID/" + custID + "?OpenDocument";
location = url;`
- B. `var url = thisDb + "/CustomersByID/" + custID;`

```
window.location = url;  
C. var url = thisDb + "CustomersByID/" + custID;  
location = url;  
D. var custID = document.forms[0].custID.value;  
var url = thisDb + "/CustomersByID/?OpenView&" + custID + "?OpenDocument";  
window.location = url;
```

Answer: A

QUESTION 13:

Which one of the following HTML tags is used to identify JavaScript?

- A. <JavaScript>
...
</JavaScript>
- B. <script language="JavaScript">
...
</script>
- C. <Head language="JavaScript">
....
</Head>
- D. <JSHeader>
...
</JSHeader>

Answer: B

QUESTION 14:

John Certkiller wants to use JavaScript to select the "Send me updates" checkbox of the sendMeUpdates field when a SalesOrder Web form is opened. How can she do this?

- A. Add this line to the form's onOpen event:
document.forms[0].sendMeUpdates.options[0].selected = true;
- B. Add this line to the form's onLoad event:
document.forms[0].sendMeUpdates.checked = true;
- C. Add this line to the form's onLoad event:
document.forms[0].sendMeUpdates.options[0].selected = true;
- D. Add this line to the form's onOpen event:
document.forms[0].sendMeUpdates.checked = true;

Answer: B

QUESTION 15:

Certkiller created the following code segment:

```
function checksubject()
{
if(window.document.forms[0].Subject.value=="")
{
alert("Please enter a subject.");
window.document.forms[0].Subject.focus()
}
else
{
window.document.forms[0].submit()
}
}
```

Which one of the following could Certkiller place between the function name and the if statement to prevent the need to type window.document.forms[0] each time it is needed?

A. function checksubject()

```
{
(this)
{
if(Subject.value=="")
```

B. function checksubject()

```
{
(window.document.forms[0])
{
if(Subject.value=="")
```

C. function checksubject()

```
{
with(this)
{
if(Subject.value=="")
```

D. function checksubject()

```
{
with(window.document.forms[0])
{
if(Subject.value=="")
```

Answer: D

QUESTION 16:

Carla wants to concatenate two string field values in a messagebox. What is the syntax for concatenating the string values together?

A. alert(concat(document.forms[0].FirstName.value, " ", document.forms[0].LastName.value))

- B. `alert(document.forms[0].FirstName.value & " " & document.forms[0].LastName.value)`
- C. `alert(document.forms[0].FirstName.value + " " + document.forms[0].LastName.value)`
- D. `alert(concatString(document.forms[0].FirstName.value, " ", document.forms[0].LastName.value))`

Answer: C

QUESTION 17:

Georgi has created the SalesOrder Web form. He has included several checkbox fields on the form listing various parts that a customer may want to add to an order. At the bottom of the form is the addOptions listbox field. Georgi has placed this code in the onClick event of each checkbox field:

```
var fldOptions = document.forms[0].addOptions;  
var newIndex = fldOptions.length;  
fldOptions.length = fldOptions.length+1;  
fldOptions.options[newIndex].text = this.value;
```

What is the result of this code?

- A. If the first choice of a checkbox field is selected, it will be added to the list of choices available in the addOptions field.
- B. Each selected checkbox item replaces the current last choice available in the addOptions field.
- C. If the first choice of a checkbox field is selected, it will replace the current last choice available in the addOptions field.
- D. Each item that is selected by clicking in a checkbox is added to the list of choices available in the addOptions field.

Answer: D

QUESTION 18:

Certkiller has written the following code in the Submit button onClick event:

```
if(window.document.forms[0].Email.value=="")  
{  
alert("Please enter an email we can use to reply to your question.");  
window.document.forms[0].Email.focus()  
} else {  
window.document.forms[0].submit()  
}
```

When she runs it, the else statement is never executed. Which one of the following code changes will correct the error?

- A. The code is correct. It needs to be moved to the onBlur event of the Email field.
- B. `if(window.document.forms[0].email.value=="")`

- C. `if(window.document.forms[0].Email.value=="")`
- D. `if(Email.value=="")`

Answer: C

QUESTION 19:

Harvey has three numeric, editable fields on his form: unitprice, quantity, and total. He wants to have a button to compute the total. So far he has written:

```
theForm = document.forms[0];
```

```
theForm.total.value = theForm.quantity.value + theForm.unitprice.value;
```

Which one of the following will happen when the user enters 10 in the unitprice field and 30 in the quantity field and the button is pressed?

- A. The Domino Designer will not let Harvey save the form since the above code has an error.
- B. A JavaScript error will occur.
- C. 40 will be placed in the total field.
- D. 3010 will be placed in the total field.

Answer: D

QUESTION 20:

John Certkiller wants to use JavaScript to select the "Send me updates" checkbox of the sendMeUpdates field when a SalesOrder Web form is opened. How can she do this?

- A. Add this line to the form's onOpen event:
`document.forms[0].sendMeUpdates.checked = true;`
- B. Add this line to the form's onLoad event:
`document.forms[0].sendMeUpdates.options[0].selected = true;`
- C. Add this line to the form's onLoad event:
`document.forms[0].sendMeUpdates.checked = true;`
- D. Add this line to the form's onOpen event:
`document.forms[0].sendMeUpdates.options[0].selected = true;`

Answer: C

QUESTION 21:

Which of the following Formulas will produce JavaScript that displays the current user name in a JavaScript dialog box?

- A. `"alert('Your user name is " + @UserName + "')`
- B. `@JavaScript("alert('Your user name is " + @UserName + "')`
- C. `@JavaScript("alert('Your user name is @UserName')`

D. "alert('Your user name is ' + document.session.CommonUserName + ')"

Answer: A

QUESTION 22:

Uma has written the following code to compare two values in the form onSubmit event:

```
resp=document.forms[0].city.value;  
if (resp = 'Boston')  
{  
  alert ("You are from Boston.");  
} else {  
  alert ("You are not from Boston.");  
};
```

Uma tests her form. However, every time she saves it, the alert says "You are from Boston.", even when she enters "New York". Which one of the following causes this to happen?

- A. The comparison operator to test equality should be "==".
- B. The city field on the form is named "City", not "city".
- C. There is no "End If" at the end of the If statement block.
- D. The form name should be used to reference the form.

Answer: A

QUESTION 23:

Uma has written the following code to compare two values in the form onSubmit event:

```
resp=document.forms[0].city.value;  
if (resp = 'Boston')  
{  
  alert ("You are from Boston.");  
} else {  
  alert ("You are not from Boston.");  
};
```

Uma tests her form. However, every time she saves it, the alert says "You are from Boston.", even when she enters "New York". Which one of the following causes this to happen?

- A. There is no "End If" at the end of the If statement block.
- B. The city field on the form is named "City", not "city".
- C. The form name should be used to reference the form.
- D. The comparison operator to test equality should be "==".

Answer: D

QUESTION 24:

Edith wants to change a graphic whenever the user passes the cursor over the graphic in a Web browser. Which one of the following describes how she can do this?

- A. She should write the location (URL) of the new image to the src property of the image in the onMouseOver event and set it back to the original image in the onMouseOut event.
- B. She should write the location (URL) of the new image to the src property of the image in the onSelect event and set it back to the original image in the onMouseUp event.
- C. She Certkiller to do this; images Certkiller to be changed.
- D. She should write the location (URL) of the new image to the value property of the image in the onMouseOver event and set it back to the original image in the onMouseUp event.

Answer: A

QUESTION 25:

Inga wants to determine in her JavaScript if the user is using the Notes client or a Web browser. Which one of the following JavaScript properties will give her that information?

- A. window.version;
- B. navigator.appName;
- C. navigator.clientType;
- D. You Certkiller to determine this using JavaScript.

Answer: B

QUESTION 26:

The following JavaScript code segment was created:

```
var frm=document.forms[0];  
var cMovies = frm.MovieLand;  
var nMovies = cMovies.length+1;  
cMovies.length = nMovies;  
var newIndex = nMovies -1;  
cMovies.options[newIndex].text = this.value;  
this.value = "";
```

Which one of the following needs to be done to permanently add this.value to a list?

- A. this.value can be added to a Profile document using a WebQuerySave agent.
- B. The following line of code can be inserted after the this.value = ""; line.
cMovies.options(nMovies).text = this value;
- C. Nothing. This code will permanently add this.value to a list.
- D. this.value can be saved in a new document using a Web QueryClose agent.

Answer: A

QUESTION 27:

Inga wants to determine in her JavaScript if the user is using the Notes client or a Web browser. Which one of the following JavaScript properties will give her that information?

- A. You Certkiller to determine this using JavaScript.
- B. navigator.clientType;
- C. navigator.appName;
- D. window.version;

Answer: C

QUESTION 28:

Mary needs to close the frameset in the Web browser and open the Video Review form in a frameless window. The button where she will enter the code is located in the second frame of the frameset. Which one of the following code segments does she enter in the onClick event of the button to accomplish this?

- A. window.opener.location="Review?OpenForm"
- B. window.location="Review?OpenForm"
- C. window.self.location="Review?OpenForm"
- D. window.top.location="Review?OpenForm"

Answer: D

QUESTION 29:

Which one of the following HTML tags is used to identify JavaScript?

- A. <JSHeader>
...
</JSHeader>
- B. <script language="JavaScript">
...
</script>
- C. <Head language="JavaScript">
....
</Head>
- D. <JavaScript>
...
</JavaScript>

Answer: B

QUESTION 30:

Locke wants to add some JavaScript to the "HTML Head Content" section of a form.
How can he do this?

- A. Write the JavaScript directly in the "HTML Head Content" section
- B. Write some LotusScript that will output the proper JavaScript using Print statements
- C. Write a Formula language block of code that will output the proper JavaScript
- D. Add a JavaScript Script Library as a Resource to the "HTML Head Content" section

Answer: C

QUESTION 31:

Marie is getting an error in the following line of JavaScript code that is attached to a button on a Notes form:

```
totalAttempts[0] = 1;
```

How can she add error checking to this code to handle the error?

- A.

```
errorHandle messageAlert;  
totalAttempts[0] = 1;  
messageAlert: alert ("totalAttempts not defined");
```
- B.

```
if (isError(totalAttempts[0] = 1)) {  
alert ("totalAttempts not defined");  
}
```
- C.

```
onError GoTo messageAlert;  
totalAttempts[0] = 1;  
messageAlert: alert ("totalAttempts not defined");
```
- D.

```
try {  
totalAttempts[0] = 1;  
} catch (e) {  
alert ("totalAttempts not defined");  
}
```

Answer: D

QUESTION 32:

Given the following:

```
<INPUT TYPE=button NAME="submitBtn" VALUE="Submit"  
onClick="submitMe(this.form)">
```

Which one of the following is the "submitMe(this.form)" portion of the tag called?

- A. Button event
- B. onClick method
- C. Button method
- D. Event handler

Answer: D

QUESTION 33:

The following declarations were made in the JS Header event:

```
var frm=document.forms[0];
```

```
Street = frm.Street;
```

```
State = frm.State;
```

```
Country = frm.Country;
```

```
PostalCode = frm.PostalCode;
```

```
Address = frm.Address;
```

Which one of the following lines of code, when placed in the onFocus event for the Address field, will combine the contents of the Street, State, Country, and PostalCode fields?

- A. this.value=Street.value+" "+State.value+", "+Country.value+" "+PostalCode.value
- B. this=Street+" "+State+", "+Country+" "+PostalCode
- C. Address.value=Street+" "+State+", "+Country+" "+PostalCode
- D. Address+" "+Street+" "+State+", "+Country+" "+PostalCode

Answer: A

QUESTION 34:

Dan is writing a JavaScript statement to display a message about the movie of the week. Which one of the following strings would NOT be properly interpreted by JavaScript in an alert dialog box?

- A. alert("My brother said, 'I like this movie.'")
- B. alert("This week\'s movie is my brother\'s favorite")
- C. alert("This is my brother's favorite movie of the week.")
- D. alert("The movie of the week is my brother\'s favorite.")

Answer: C

QUESTION 35:

Which JavaScript location property could you use to determine whether or not you were using an https:// connection on the current page?

- A. location.protocol

- B. location.port
- C. location.secure
- D. location.host

Answer: A

QUESTION 36:

If you define your code as Common JavaScript in a Form Event, what is special about it?

- A. It will be compatible with Internet Explorer only
- B. It will execute both in the Notes client and the Web
- C. It will be compatible with JavaScript version 1.0 only
- D. It Certkiller to use special Lotus Notes-related extensions that are available in code defined as plain "JavaScript"

Answer: B

QUESTION 37:

Rudolph has a frameset with two frames. In the left frame, Rudolph wants to have a button to load in the Lotus home page into the right frame (which is called "Right"). Which one of the following button codes will accomplish this?

- A. window.location.assign("http://www.lotus.com");
- B. parent.frames["Right"].location.assign("http://www.lotus.com");
- C. top.location.assign("http://www.lotus.com");
- D. parent.frames['Right'].value = "http://www.lotus.com";

Answer: B

QUESTION 38:

Rashida needs to display the current date, in dd-mmm-yyyy format, in an alert message. For example, the first day of the 2007 should be displayed as 01-Jan-2007. So far, she has written these lines in a new function that she will use to create the date string:

```
function getDateDMY() {  
var months = new Array("Jan", "Feb", "Mar", "Apr", "May", "Jun", "Jul", "Aug", "Sep",  
"Oct", "Nov", "Dec");  
var dt = new Date();  
<MISSING CODE>  
}
```

What should Rashida add in place of the <MISSING CODE>?

- A. var dd = dt.getDay();
var mmm = dt.getMonth();


```
var yyyy = dt.getFullYear();
return dd + "-" + months.options[mmm] + "-" + yyyy;
B. var dd = dt.getDate();
if (dd < 10) { dd = "0" + dd }
var mmm = dt.getMonth();
var yyyy = dt.getFullYear();
return dd + "-" + months[mmm] + "-" + yyyy;
C. var dd = dt.getDate();
if (dd < 10) { dd = "0" + parseInt(dd) }
var mmm = dt.getMonth();
var yyyy = dt.getFullYear();
return dd + "-" + months[mmm] + "-" + parseInt(yyyy);
D. var dd = dt.getDay();
var mmm = dt.getMonth();
var yyyy = dt.getFullYear();
return dd + "-" + months[mmm] + "-" + yyyy;
```

Answer: B

QUESTION 39:

Karen is writing a JavaScript to display information about a movie when the user clicks a button. Which one of the following characters will be ignored in Karen's script?

- A. Tab characters
- B. Single quotation marks
- C. Colons
- D. Parentheses

Answer: A

QUESTION 40:

Jose has been asked to add a button to his Check Request form that will change the color of the form to red if the user wants to expedite the request. What line of JavaScript code would accomplish this requirement for Jose?

- A. document.forms[0].bgColor = "red";
- B. bgColor == "red";
- C. document.bgColor = "red";
- D. forms[0].backgroundColor = "red";

Answer: C

QUESTION 41:

When a SalesOrder document is opened from the Web, Christos needs to see if any cookies are already populated, and if so, he needs to retrieve the cookie value(s). How can he do this?

A. Create a field called "HTTP_Cookie" on the form, with the field's Default Value set to "HTTP_Cookie". Enable the form property "Generate HTML for all fields". In the field's HTML Attributes, enter: "type=\"hidden\"" The cookie values will now be available via the HTTP_Cookie field, and can be retrieved using document.forms[0].HTTP_Cookie.value

B. Create a field called "HTTP_Cookie" on the form, with the field's Default Value set to "HTTP_Cookie". Enable the form property "Generate HTML for all fields". Select "Web browsers" from the Hide tab of the field properties. The cookie values will now be available via the HTTP_Cookie field, and can be retrieved using document.forms[0].HTTP_Cookie.value

C. Call the following JavaScript function:
function getCookies() {
var cookiesArray();
for (i=0; i<document.cookie.length; i++) {
cookiesArray[i] = document.cookie[i].toString();
}
return cookiesArray;
}

D. Call the following JavaScript function:
function getCookies() {
var cookies = new Array() ;
for (i=0; i<document.cookie.length; i++) {
cookies[i] = document.cookie[i].toString();
}
return cookies;
}

Answer: A

QUESTION 42:

The following JavaScript code was placed in the onChange event for a listbox:

```
var frm = document.forms[0];  
var sc = frm.SelectedVacation;  
var vacation = this;  
sc.value = "";  
<MISSING CODE>  
{  
if(vacation.options[i].selected)  
{  
sc.value = sc.value + vacation.options[i].text + "\n";  
}}
```

Which one of the following is the missing line of code?

- A. until (i=0, i> vacation.length, i--)
- B. while (i !=0; index < vacation.length; i--)
- C. for (i = 0; i < vacation.length; i++)
- D. for (i = 0; index < vacation.length; i++)

Answer: C

QUESTION 43:

Consider the following:

```
function readSelect( )  
{  
  selectField=document.forms[0].selectType;  
  sLen=selectField.options.length;  
  for(i=0;i<sLen;i++)  
  {  
    if(selectField.options[i].selected)  
    {  
      alert("Selected value = "+selectField.options[i].text);  
    }  
  }  
}
```

Which one of the following will the readSelect function do after looping through all the values in a select input named selectType?

- A. Display each selected value in a JavaScript alert, one at a time.
- B. Display each unselected value in a JavaScript alert, one at a time.
- C. Display each selection value in a JavaScript alert.
- D. Display a list of all the selected values in a JavaScript alert.

Answer: A

QUESTION 44:

Carla wants to concatenate two string field values in a messagebox. What is the syntax for concatenating the string values together?

- A. alert(concat(document.forms[0].FirstName.value, " ", document.forms[0].LastName.value))
- B. alert(document.forms[0].FirstName.value + " " + document.forms[0].LastName.value)
- C. alert(document.forms[0].FirstName.value & " " & document.forms[0].LastName.value)
- D. alert(concatString(document.forms[0].FirstName.value, " ", document.forms[0].LastName.value))

Answer: B

QUESTION 45:

Clara used three Domino subforms to create a page on the Web. How many HTML form tags were rendered when it was opened in edit mode?

- A. One
- B. Two
- C. None
- D. Three

Answer: A

QUESTION 46:

Avery has a form design that is targeted for both the Notes client and the Web browser. He would like to code a button that asks the user if they want to continue processing. What JavaScript code can Avery use to do this, and where should the code be placed?

- A. `alert("Continue?");`
Common JavaScript
- B. `confirm("Continue?");`
Common JavaScript
- C. `alert("Continue?");`
Web JavaScript
- D. `confirm("Continue?");`
Client JavaScript

Answer: B

QUESTION 47:

Larry is converting the Request form of the Help Desk application to use the form from the Web browser. Several of the fields currently include Input Validation formulas. Larry wants the field validation to occur in the client's browser, without sending data back and forth to the server until the data has passed validation. How can he do this?

- A. Remove the input validation formulas. Write a routine to validate the fields and call this routine from the WebQuerySave event on the form.
- B. Input validation formulas are automatically converted to JavaScript when accessed from the Web. No changes are needed.
- C. The first field that fails its input validation formula will result in that field's @Failure message displaying in a fresh window when the form is submitted. No changes are needed.

D. Remove the input validation formulas. Code a function to validate the user input and call this function from the form's onSubmit event.

Answer: D

QUESTION 48:

Look at the following JavaScript code:

```
var textvalue = "This video stars Steve M....";
```

Which one of the following code lines will return the index of the first occurrence of the substring "Steve"?

- A. textvalue.mid("Steve");
- B. textvalue.indexOf ("Steve");
- C. indexOf ("Steve");
- D. textvalue.substring ("Steve");

Answer: B

QUESTION 49:

Devon has placed the following code in the JS Header event of a form:

```
function userConfirm( )  
{  
  if( confirm( "Do you wish to continue" ))  
  {  
    promptUser( );  
  }  
  function promptUser( )  
  {  
    x = prompt( "Please enter some text", "" );  
    alert( x );  
  }  
}
```

There is a button on the form where the onClick event is: userConfirm().

Which one of the following will happen when the user chooses "Yes" in the confirmation prompt?

- A. The promptUser() function will run and ask the user to input a value, which will then be posted in a confirm prompt.
- B. The promptUser() function will run and display an error message, "Please enter some text".
- C. The promptUser() function will run with an input prompt asking the user to input a value, which will then be posted in an alert prompt.
- D. A run-time error will appear, stating that the promptUser() function is undefined, since it was defined after the userConfirm() function.

Answer: C

QUESTION 50:

Look at the following JavaScript code segment:

```
document.forms[0].myField.value = "Hello World!";
```

Which one of the following will this code do?

- A. It will check to see if the value in the field called myField equals the string "Hello World!"
- B. It will create a variable called myField with the value, "Hello World!"
- C. It will create a field on the form called myField and assign it the value, "Hello World!"
- D. It will assign the string "Hello World!" to the field called myField.

Answer: D

QUESTION 51:

Quigley wants to validate a form when the user submits it. Quigley wants his code to work in both the Web browser and the Notes client. Quigley decides to use JavaScript to do the validation. Which one of the following describes what he can do?

- A. Quigley should use LotusScript to validate the form for both the Web browser and the Notes client.
- B. Quigley can validate the form using JavaScript and then use the JavaScript method called submit() to submit the form if it passes validation.
- C. Quigley Certkiller to validate a form in the Notes client using JavaScript.
- D. Quigley should place his validation code in the onSubmit event of the form.

Answer: D

QUESTION 52:

Norma wants to make sure the users selected a choice in a radio button field. Which one of the following properties will tell her that a particular choice was selected?

- A. selected
- B. selectedIndex
- C. value
- D. checked

Answer: D

QUESTION 53:

Avery has a form design that is targeted for both the Notes client and the Web browser. One of his buttons uses an @Prompt([OK]) command to display specific form values. Since @Prompt is not supported in Web browsers, what JavaScript alternative can Avery use that will work for both platforms?

- A. prompt();
- B. display();
- C. inputbox();
- D. alert();

Answer: D

QUESTION 54:

Alma wants to have a second window open in a Web browser to simulate the @dialogbox function and allow the user to enter information about a returned video. So far, she has written the following code:

```
winurl="/videos/video.nsf/returned?OpenForm";
```

```
winname="Help1";
```

```
winOpts =
```

```
"toolbar=no,location=no,directories=no,status=no,menubar=no,scrollbars=yes,resizable=no,width=400,height=2
```

```
<MISSING CODE>
```

Which one of the following will open a second window?

- A. prompt(winurl);
- B. dialogbox(winurl);
- C. window.opener(winurl);
- D. tmpWindow=window.open(winurl, winname, winOpts);

Answer: D

QUESTION 55:

Susan wants to create a rollover effect on a button on her Domino form. She has two graphics called buttonOn.gif and buttonOff.gif in the Images area of her application in Designer. What code would allow the button to change images when she rolls over the graphic with her mouse?

- A.
- B.
- C. <a href="" onmouseover="image1.src='buttonOn.gif';"

```
onmouseout="image1.src='buttonOff.gif';">
</a>
D. <a href="" onmouseover="image1.src='buttonOn.gif';"
onmouseout="image1.src='buttonOff.gif';">
</a>
```

Answer: D

QUESTION 56:

Georgi has created the SalesOrder Web form. He has included several checkbox fields on the form listing various parts that a customer may want to add to an order. At the bottom of the form is the addOptions listbox field. Georgi has placed this code in the onClick event of each checkbox field:

```
var fldOptions = document.forms[0].addOptions;
var newIndex = fldOptions.length;
fldOptions.length = fldOptions.length+1;
fldOptions.options[newIndex].text = this.value;
```

What is the result of this code?

- A. Each item that is selected by clicking in a checkbox is added to the list of choices available in the addOptions field.
- B. If the first choice of a checkbox field is selected, it will be added to the list of choices available in the addOptions field.
- C. If the first choice of a checkbox field is selected, it will replace the current last choice available in the addOptions field.
- D. Each selected checkbox item replaces the current last choice available in the addOptions field.

Answer: A

QUESTION 57:

Leroy wants to create a Computed Value on a form that writes JavaScript directly to the page when the form is displayed as a Web page. How does he do this?

- A. Set the Computed Value to use JavaScript as the language and type the JavaScript directly in
- B. Computed Values Certkiller to be used to write JavaScript to a page
- C. Set the Computed Value as Pass-Through HTML and type the JavaScript directly in
- D. Set the Computed Value as Pass-Through HTML and write a Formula that produces the JavaScript as a result

Answer: D

QUESTION 58:

Greg wants to validate that at least one box was checked in a checkbox field called "category" before allowing the user to submit a returned video form. Which one of the following approaches should he use to determine this?

- A. document.forms[0].category.checked will be true if at least one selection was made.
- B. Use the value property for the category input element.
- C. Loop through all the elements of the category object using category[i]. For each element, examine the checked property to see if it is true.
- D. Use the defaultChecked property of the category input element to find out which checkboxes were checked by the user.

Answer: C

QUESTION 59:

Louise has designed a Web form in Domino that contains three buttons to change the form color. But when she displays the form in a Web browser, there is an extra Submit button at the bottom. Why is this occurring?

- A. The three buttons should be marked as "passthru HTML".
- B. Domino adds a Submit button to the form if one is not coded on the form.
- C. The "Use JavaScript when generating pages" database option is selected.
- D. The "Use JavaScript when generating pages" database option is not selected.

Answer: D

QUESTION 60:

Louise has designed a Web form in Domino that contains three buttons to change the form color. But when she displays the form in a Web browser, there is an extra Submit button at the bottom. Why is this occurring?

- A. The "Use JavaScript when generating pages" database option is selected.
- B. Domino adds a Submit button to the form if one is not coded on the form.
- C. The "Use JavaScript when generating pages" database option is not selected.
- D. The three buttons should be marked as "passthru HTML".

Answer: C

QUESTION 61:

A JavaScript code segment was placed in the JS Header event of a form object. The beginning of that segment looked like the following:

```
function validate(field)
```

```
{  
if(validateRunning)  
{  
validateRunning=false;  
return;  
}  
}
```

When the function was called, it did not work correctly. Which one of the following would prevent this function from working properly?

- A. validateRunning was defined earlier as a number, not a boolean.
- B. validateRunning was declared and initialized in the calling event.
- C. validateRunning was declared and initialized in the JS Header event.
- D. validateRunning was declared in the JS Header event and initialized in the calling event.

Answer: B

QUESTION 62:

Murray designed a Web document that has a <SELECT> list, which allows the user to choose who the next signer in a workflow should be. The HTML for the field looks something like this:

```
<select name="NextSigner" size=1>  
<option value="John Jones">John Jones</option>  
<option value="Barry Allen">Barry Allen</option>  
<option value="Hal Jordan">Hal Jordan</option>
```

Murray wrote a function called "ConfirmSignerName" that confirms that the selected name is the correct one. How does the function get the value that was selected in that field?

- A. document.forms[0].NextSigner.text
- B. document.forms[0].NextSigner.value
- C. document.forms[0].NextSigner.options[document.forms[0].NextSigner.selectedIndex].value
- D. document.forms[0].NextSigner.selected

Answer: C

QUESTION 63:

A Domino form contains one Java applet with the following source code:

```
import lotus.domino.*;  
public class dummy extends AppletBase(){ }
```

The applet is set to "Use Notes CORBA classes", and the server is properly set up to allow access using CORB

A. If the following JavaScript code is run on the Form as it is accessed via the Web:

```
var session = window.document.applets[0].openSession()  
alert (session.getPlatform())
```

What will be the output?

- A. An error will occur because this only works on the Notes client, not in a browser
- B. The type of browser that the user is using
- C. An error will occur because the Java applet does not have an "openSession" method
- D. The operating system platform

Answer: D

QUESTION 64:

Maurice would like to create a JavaScript array that uses strings as an index. What is the proper syntax for an array of this style?

- A.

```
var student = Array();  
student["name"][0] = "Tom";  
student["score"][1] = "95";  
student["course"][2] = "History";
```
- B.

```
var student = Array();  
student["name"] = "Tom";  
student["score"] = "95";  
student["course"] = "History";
```
- C.

```
var student = Array();  
student[0]["name"] = "Tom";  
student[0]["score"] = "95";  
student[0]["course"] = "History";
```
- D.

```
var student = Array();  
student[0]["name"] = "Tom";  
student[1]["score"] = "95";  
student[2]["course"] = "History";
```

Answer: B

QUESTION 65:

Karl is creating a JavaScript program in the JS Header of a form to input new video releases. Which one of the following comment delimiters would NOT be allowed?

- A. All of the above are allowed.
- B. //
- C. /* and */
- D. <!-- and -->

Answer: D

QUESTION 66:

Sally declared and initialized several variables in the JS Header. These variables referred to objects on the form. Which one of the following describes what happened when the code was tested?

- A. Initialization failed, since all JavaScript variables in Notes/Domino must be initialized within the object.
- B. Initialization was successful, but the variables were available only to objects also declared in the JS Header.
- C. Initialization failed, since the JS Header is interpreted before the HTML which creates the rest of the objects.
- D. Initialization was successful and the variables were available throughout the document.

Answer: C

QUESTION 67:

Renaldo has placed the following code in a button on his Notes client form:

```
for (x = 1; x < 5; x++) {  
  y = y + x;  
}
```

```
alert("y = " + y);
```

When the button is clicked, what will be returned by the alert message?

- A. y = NaN
- B. y = 10
- C. y = 0
- D. y = NULL

Answer: A

QUESTION 68:

Jon used the @IsMember @Function in his Notes application to search for the word "member" in a line of text. Which one of the following JavaScript string methods would allow him to do a similar thing?

- A. find()
- B. split()
- C. substr()
- D. indexOf()

Answer: D

QUESTION 69:

Alma wants to have a second window open in a Web browser to simulate the @dialogbox function and allow the user to enter information about a returned video. So far, she has written the following code:

```
winurl="/videos/video.nsf/returned?OpenForm";  
winname="Help1et";  
winOpts =  
"toolbar=no,location=no,directories=no,status=no,menubar=no,scrollbars=yes,resizable=no,width=400,height=  
2  
<MISSING CODE>
```

Which one of the following will open a second window?

- A. window.opener(winurl);
- B. tmpWindow=window.open(winurl, winname, winOpts);
- C. dialogbox(winurl);
- D. prompt(winurl);

Answer: B

QUESTION 70:

The following code will produce a run-time error:

```
{ // Line 1  
path=location.pathname.toLowerCase( ); // Line 2  
nsfPos=path.indexOf(".nsf"); // Line 3  
path=path.substring(0, nsfpos+5); // Line 4  
}
```

Which one of the lines is incorrect?

- A. Line 2
- B. Line 3
- C. Line 1
- D. Line 4

Answer: D

QUESTION 71:

In which one of the following events should Jim enter JavaScript code to validate a field in use for both Notes clients and Web clients?

- A. Input Validation

- B. onBlur
- C. onFocus
- D. Exiting

Answer: B

QUESTION 72:

Jane declared JavaScript variables using the following code:

```
var frm;  
var fname;  
var lname;  
var dname;  
var ename;
```

In which one of the following were these declarations made to make their scope global?

- A. {Globals}, {Declarations}
- B. JS Header
- C. Initialize
- D. HTML Head Content

Answer: B

QUESTION 73:

Ian has a checkbox field on his Domino form named Ingredients. He would like to code a JavaScript button to iterate through all the selected values in the field and display an alert message for each one. What code would accomplish this for Ian?

- A.

```
for (var i=0; i<document.forms[0].Ingredients; i++) {  
  if (document.forms[0].Ingredients[i].selected == true) {  
    alert("This ingredient is " + document.forms[0].Ingredients[i])  
  }  
}
```
- B.

```
for (var i=0; i<document.forms[0].Ingredients[i].length; i++) {  
  if (document.forms[0].Ingredients.checked == true) {  
    alert("This ingredient is " + document.forms[0].Ingredients.value)  
  }  
}
```
- C.

```
for (var i=0; i<document.forms[0].ingredients.length; i++) {  
  if (document.forms[0].ingredients[i].checked == true) {  
    alert("This ingredient is " + document.forms[0].ingredients[i].value)  
  }  
}
```
- D.

```
for (var i=0; i<document.forms[0].Ingredients.length; i++) {  
  if (document.forms[0].Ingredients[i].checked == true) {  
    alert("This ingredient is " + document.forms[0].Ingredients[i].value)  
  }  
}
```

Answer: D

QUESTION 74:

Look at the following code for the onClick event of a button:

```
function printvar()  
{  
  var1 = 20;  
  alert( 'the value of var1 is ' + var1 );  
}  
var var1 = 10;  
printvar();
```

Which one of the following will be the value of var1 in the alert message?

- A. 10
- B. undefined
- C. 20
- D. "10"

Answer: C

QUESTION 75:

Certkiller a needs to write a function that will allow her to set a cookie and have the cookie expire when the browser is closed. Which function below will meet these goals?

- A.

```
function setCookie(cName, cValue) {  
  var currDt = new Date();  
  document.cookie = cName + ";" + escape(cValue) + ";" + currDt.getTime() ;  
}
```
- B.

```
function setCookie(cName, cValue, cKeepDays) {  
  var expireDt = new Date();  
  if (cKeepDays != null) {  
    expireDt.setTime( expireDt.getTime() + (1000*60*24*cKeepDays) );  
  }  
  document.cookie = cName + "=" + escape(cValue) + ";expireDt=" + expireDt.toGMT();  
}
```
- C.

```
function setCookie(cName, cValue, cKeepDays) {  
  var currDt = new Date();  
  var expireDt = new Date();  
  expireDt.setTime( currDt.getTime() + (60*60*24*cKeepDays) );  
  document.cookie = cName + "=" + escape(cValue) + ";expireDt=" + expireDt.toGMT();  
}
```
- D.

```
function setCookie(cName, cValue) {  
  document.cookie = cName + "=" + escape(cValue);
```

}

Answer: D

QUESTION 76:

Karl is creating a JavaScript program in the JS Header of a form to input new video releases. Which one of the following comment delimiters would NOT be allowed?

- A. <!-- and -->
- B. All of the above are allowed.
- C. /* and */
- D. //

Answer: A

QUESTION 77:

Which one of the following designated lines has incorrect code?

```
// initialize the variables
secsPerMin = 60; // <LINE A>
var minsPerHour = 60;
var hoursPerDay = 24;
var daysPerYear = 365;
// perform calculations
var secsPerDay = secsPerMin * minsPerHour * hoursPerDay; //<LINE B>
var secsPerYear = secsPerDay * daysPerYear;
document.writeln("<b>There are ");
document.writeln(secsperYear); //<LINE C>
document.writeln(" seconds per year.</b><p>"); //<LINE D>
```

- A. <LINE A>
- B. <LINE B>
- C. <LINE D>
- D. <LINE C>

Answer: D

QUESTION 78:

Marie is getting an error in the following line of JavaScript code that is attached to a button on a Notes form:

```
totalAttempts[0] = 1;
```

How can she add error checking to this code to handle the error?

- A. errorHandler messageAlert;


```
totalAttempts[0] = 1;
messageAlert: alert ("totalAttempts not defined");
B. if (isError(totalAttempts[0] = 1)) {
  alert ("totalAttempts not defined");
}
C. try {
  totalAttempts[0] = 1;
} catch (e) {
  alert ("totalAttempts not defined");
}
D. onError GoTo messageAlert;
totalAttempts[0] = 1;
messageAlert: alert ("totalAttempts not defined");
```

Answer: C

QUESTION 79:

A form has a field with the following HTML:

```
<input type="text" name="passkey">
```

The "passkey" field length should be less than or equal to the size defined by another JavaScript variable "passlength" (so that if "passlength" is equal to 20, the "passkey" value should be exactly 20 characters long). In order to make sure that this is true, what comparison statement should be used?

- A. if (document.forms[0].passkey.length != passlength)
- B. if (document.forms[0].passkey.size != passlength)
- C. if (document.forms[0].passkey.text.length != passlength)
- D. if (document.forms[0].passkey.value.length != passlength)

Answer: D

QUESTION 80:

Chad has developed a Web form that includes the custID field, in which the user can enter a Customer ID number. Chad is already populating a variable called "thisDb", containing the URL of the current database (including a forward slash at the end). Chad is now coding a button to place after the custID field on the form. If the user enters a Customer ID number and clicks the button, a document should open, displaying that Customer's data. The database already contains the "CustomersByID" view of Customer documents sorted by custID. What JavaScript should Chad write in the button code?

- A. var custID = document.forms[0].custID.value;
var url = thisDb + "/CustomersByID/?OpenView&" + custID + "?OpenDocument";
window.location = url;
- B. var url = thisDb + "/CustomersByID/" + custID;

```
window.location = url;  
C. var custID = document.forms[0].custID.value;  
var url = thisDb + "CustomersByID/" + custID + "?OpenDocument";  
location = url;  
D. var url = thisDb + "CustomersByID/" + custID;  
location = url;
```

Answer: C

QUESTION 81:

Seymour wants to write some JavaScript that will be triggered every time a user moves the mouse over a certain paragraph on a form. Which of the following things could he make the paragraph into, so it would react to an onMouseOver event on the Web?

- A. Link Hotspot
- B. Action Hotspot
- C. Action
- D. Layout Region

Answer: B

QUESTION 82:

Which JavaScript location property could you use to determine whether or not you were using an https:// connection on the current page?

- A. location.port
- B. location.protocol
- C. location.host
- D. location.secure

Answer: B

QUESTION 83:

The following JavaScript code was placed in the onChange event for a listbox:

```
var frm = document.forms[0];  
var sc = frm.SelectedVacation;  
var vacation = this;  
sc.value = "";  
<MISSING CODE>  
{  
if(vacation.options[i].selected)  
{  
sc.value = sc.value + vacation.options[i].text + "\n";
```

```
}  
}
```

Which one of the following is the missing line of code?

- A. for (i = 0; index < vacation.length; i++)
- B. until (i=0, i> vacation.length, i--)
- C. while (i !=0; index < vacation.length; i--)
- D. for (i = 0; i < vacation.length; i++)

Answer: D

QUESTION 84:

Clara used three Domino subforms to create a page on the Web. How many HTML form tags were rendered when it was opened in edit mode?

- A. Three
- B. None
- C. One
- D. Two

Answer: C

QUESTION 85:

Look at the following application specification:

An application's data is entered via either a Web or Notes client. Both clients must have similar functionality. There is a form which displays/allows for data entry of the video. Its name is "Product Description," with the alias "PD." The form also has a facility to make the video available once inventory is checked.

When placed in the browser, which one of the following is the NAME attribute of the <FORM> tag for the Product Description form?

- A. "_Product%20Description"
- B. "_PD"
- C. "PD"
- D. "Product Description"

Answer: B

QUESTION 86:

Which one of the following would Jim do to set up a global variable that will hold the initial value of a field on the page?

- A. Declare and set the variable in the onClick event of the field.

- B. Declare the variable in the JS Header event of the form and set the value in the onClick event of the field.
- C. Declare the variable in the JS Header event of the form and set the variable in the onLoad event of the form.
- D. Declare and set the variable in the JS Header event of the form.

Answer: C

QUESTION 87:

Susan wants to create a rollover effect on a button on her Domino form. She has two graphics called buttonOn.gif and buttonOff.gif in the Images area of her application in Designer. What code would allow the button to change images when she rolls over the graphic with her mouse?

- A. `
`
- B. `
`
- C. `
`
- D. `
`

Answer: A

QUESTION 88:

Avery has a form design that is targeted for both the Notes client and the Web browser. One of his buttons uses an @Prompt([OK]) command to display specific form values. Since @Prompt is not supported in Web browsers, what JavaScript alternative can Avery use that will work for both platforms?

- A. `inputbox();`
- B. `prompt();`
- C. `display();`
- D. `alert();`

Answer: D

QUESTION 89:

Look at the following JavaScript function:

```
function clickButton  
{  
  document.forms[0].submitMe.onClick( )  
}
```

Which one of the following will this function do?

- A. Run a JavaScript function named onClick() that is on a form object named submitMe.
- B. Run a global JavaScript function named onClick().
- C. Place the cursor in an input on the form named submitMe.
- D. Run the onClick event of an object named submitMe.

Answer: D

QUESTION 90:

The following declarations were made in the JS Header event:

```
var frm=document.forms[0];  
Street = frm.Street;  
State = frm.State;  
Country = frm.Country;  
PostalCode = frm.PostalCode;  
Address = frm.Address;
```

Which one of the following lines of code, when placed in the onFocus event for the Address field, will combine the contents of the Street, State, Country, and PostalCode fields?

- A. this=Street+" "+State+", "+Country+" "+PostalCode
- B. Address.value=Street+" "+State+", "+Country+" "+PostalCode
- C. this.value=Street.value+" "+State.value+", "+Country.value+" "+PostalCode.value
- D. Address+" "+Street+" "+State+", "+Country+" "+PostalCode

Answer: C