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Exam : 1D0-435

Title : JavaScript Fundamentals exam

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QUESTION 1:

In JavaScript, ++x+ will add one to the value of x after the assignment is complete.

- A. FALSE
- B. TRUE

Answer: A

QUESTION 2:

_____ represent various attributes of an object, such as height, color, font size, sentence length, and so forth.

- A. Values
- B. behaviors
- C. Methods
- D. Properties

Answer: D

QUESTION 3:

A server named www.cobbwebdesign.com can set a cookie for the domain name www.microsoft.com.

- A. FALSE
- B. TRUE

Answer: A

QUESTION 4:

_____ is the process of creating new copies of an object

- A. Instantiation
- B. Repeating
- C. Replicating
- D. Object coding

Answer: A

QUESTION 5:

What does the following JavaScript code do"

"Hello, World!".length;

- A. Test the width of a literal string.
- B. Writes Hello, World to the screen.
- C. Test the length of a literal string.
- D. nothing

Answer: C

QUESTION 6:

In JavaScript the operator += will _____

- A. add together the operands and assign the result to the right operand.
- B. assign the value of the right operand to the left operand.
- C. do nothing because it should be =+.
- D. add together the operands and assign the result to the left operand.

Answer: D

QUESTION 7:

_____ is used frequently in JavaScript to combine text strings, especially in conjunction with prompt() and alert().

- A. Concatenation
- B. String()
- C. Instaniation
- D. Confirmation

Answer: A

QUESTION 8:

JavaScript is case sensitive, and the keyword "function" must be all lowercase.

- A. FALSE
- B. TRUE

Answer: B

QUESTION 9:

Cookies are commonly used to store information about a user to maintain state.

- A. FALSE

B. TRUE

Answer: B

QUESTION 10:

A _____ is the specific color, width or height that belongs to the property of an object.

- A. method
- B. value
- C. property
- D. behavior

Answer: B

QUESTION 11:

_____ developed JavaScript.

- A. Netscape
- B. IBM
- C. W3C
- D. Microsoft

Answer: A

QUESTION 12:

Function blocks begin with the keyword _____ followed by the function name.

- A. run
- B. SCRIPT
- C. function
- D. method

Answer: C

QUESTION 13:

Which of the following is the proper file extension for an external script file.

- A. .js
- B. .html
- C. .src
- D. .jvs

Answer: A

QUESTION 14:

JavaScript contains no Keywords that you must use to achieve specific results.

- A. FALSE
- B. TRUE

Answer: A

QUESTION 15:

Which JavaScript keyword targets the parent of all parent files in a frameset?

- A. parent
- B. _top
- C. top
- D. _parent

Answer: C

QUESTION 16:

VBScript was the first scripting language developed for Webpage design.

- A. True
- B. False

Answer: B

QUESTION 17:

_____ and _____ are interchangeable in JavaScript.

- A. Methods and functions
- B. Objects and functions
- C. Properties and attributes
- D. Methods and properties

Answer: A

QUESTION 18:

What should you use to evaluate multiple custom objects?

- A. A statement
- B. A variable
- C. A function
- D. A method

Answer: C

QUESTION 19:

Consider the following code:

```
<script>
var x = 0;
for (i=0; i<5; i++) {
  x += i;
}
alert("1+2+3+4 = " +x);
</script>
```

How many times will the program loop, and what will be the final value of x?

- A. 5, 10
- B. 4, 9
- C. 4, 5
- D. 5, 5

Answer: A

QUESTION 20:

What will the following JavaScript code do when it runs?

```
<SCRIPT Language="JavaScript">
<!--
var d=new Date;
var h=d.getHours();
var msg="";
var targ;
if(h<12)
msg="<h1>Good Morning!</h1>";
else if(h>=12 && h<18)
msg="<h1>Good Afternoon!</h1>";
else
msg="<h1>Good Evening!</h1>";
document.write(msg);
/-->
</SCRIPT>
```

- A. It will write "Good Afternoon!"
- B. If it is before noon, it will write "Good Morining!", if after noon but before 6 pm, "Good Afternoon!" if after 6 pm, "Good Evening!"
- C. It will write "Good Evening!"
- D. It will write "Good Morning!"

Answer: B

QUESTION 21:

Placing // in front of a line of text, within the Script tags will result in _____

- A. the command that follows being carried out
- B. everything that follows being ignored
- C. nothing, as this is not valid
- D. everything to the end of the line being ignored.

Answer: D

QUESTION 22:

The form element _____ is used for a single-line text field used for data entry.

- A. text
- B. data box
- C. data
- D. textarea

Answer: A

QUESTION 23:

What will the following JavaScript code do when it runs?

```
var content="";
content += "<HTML><HEAD><BASE TARGET='_blank'></HEAD>";
content += "<BODY BGCOLOR='#CC9966' TEXT='#330000'>";
content += "Related Sites".big().fontcolor("blue") + "<P>\n";
content += "These sites are of interest to ";
content += "Afrikunda".italics();
content += " patrons.<P>\n";
```

- A. open a new window with new content
- B. create content on the fly
- C. nothing, it is invalid
- D. overwrite each line with the previous line

Answer: B

QUESTION 24:

Which if any of the following enables you to access the methods and properties of the parent window from a newly opened child window?

- A. The opener property of the window object
- B. The self.href statement
- C. The parent.parent statement
- D. None. This cannot be done.

Answer: A

QUESTION 25:

A user can never delete or disable cookies

- A. TRUE
- B. FALSE

Answer: B

QUESTION 26:

A _____ custom object has only one level of properties and methods associated with it

- A. multiple
- B. simple
- C. single
- D. complex

Answer: B

QUESTION 27:

If the secure attribute is not used, the cookie is not deemed safe to be sent over unprotected channels.

- A. FALSE
- B. TRUE

Answer: A

QUESTION 28:

JavaScript is an event-driven programming language. Events trigger _____.

- A. functions
- B. behaviors
- C. methods
- D. actions

Answer: A

QUESTION 29:

_____ is JavaScript's server-side solution. It enables you to connect Web pages to databases, as well as enable server-side image maps and save client state so that the computer will remember where the client is in a multi-page process.

- A. ServerSide JavaScript
- B. JavaWire
- C. LiveWire
- D. Java

Answer: C

QUESTION 30:

`document.cookie = "name = value";` or `document.cookie = "name = value; expires = date";` are both proper syntax for assigning cookies in JavaScript.

- A. TRUE
- B. FALSE

Answer: A

QUESTION 31:

Methods operate on _____ instances of objects.

- A. two
- B. three
- C. multiple
- D. single

Answer: D

QUESTION 32:

What is the following?

Set-Cookie: name=Value; expires=date; path=path; domain=domain; secure

- A. A cookie header
- B. A name value pair
- C. A set cookie object
- D. A cookie setter

Answer: A

QUESTION 33:

Which of the following is a correct way in JavaScript to target the second frame in a frames array, assuming the name of the frame is "b"?

- A. parent.b.location.href = "new.htm";
- B. parent.frames[1].location.href = "new.htm"; or parent.b.location.hre = "new.htm";
- C. parent.frames[1].location.href = "new.htm";
- D. parent.frames[1].URL.href = "new.htm";

Answer: B

QUESTION 34:

alert(), prompt() and confirm() are all methods of the _____ object.

- A. window
- B. browser
- C. form
- D. document

Answer: A

QUESTION 35:

The _____ method counts from the ending position of the string.

- A. indexOf()
- B. positionOf()
- C. lengthOf()
- D. lastIndexOf()

Answer: D

QUESTION 36:

A button that changes its image on mouseover is an example of _____.

- A. the mouseover object
- B. the mouseover method
- C. the mouseover property
- D. the image object

Answer: D

QUESTION 37:

JavaScript is an event-driven programming language. Events trigger _____.

- A. functions
- B. behaviors
- C. actions
- D. methods

Answer: A

QUESTION 38:

The JavaScript object model divides objects into 3 groups. They are:

- A. Browser, window and form objects.
- B. Browser, language and form field objects.
- C. Browser, window and document objects.
- D. Window, document and form objects.

Answer: B

QUESTION 39:

The _____ contains path information for the URL that issued the cookie.

- A. path=path pair
- B. domain=domain pair
- C. name=value pair
- D. url=url pair

Answer: A

QUESTION 40:

x!=y will return true if x and y are not equal.

- A. TRUE
- B. FALSE

Answer: A

QUESTION 41:

Creating your object references as elements of an array rather than creating individual variables will make them easier to use for repetitive tasks?

- A. FALSE
- B. TRUE

Answer: B

QUESTION 42:

In mid 1997, Netscape, the inventor of JavaScript, announced that the _____ had approved JavaScript as an international standard.

- A. AAHA
- B. ECMA
- C. W3C
- D. WW3C

Answer: B

QUESTION 43:

Amazon.com deposits a cookie that allows a user to purchase a book by clicking only once. The user does not have to re-enter credit card or any other information.
What is this an example of?

- A. cookie magic
- B. state maintenance
- C. cookie assignment
- D. cookie maintenance

Answer: B

QUESTION 44:

Language objects are objects that do not refer to browser related objects.

- A. TRUE
- B. FALSE

Answer: A

QUESTION 45:

JavaScript and _____ are scripting languages that are similar in purpose. Both extend the capabilities of static Web pages.

- A. Java
- B. C++
- C. VBScript
- D. Visual Basic

Answer: C

QUESTION 46:

In JavaScript, which of the following will clear a cookie?

- A. You cannot ever clear a cookie
- B. Type "Clear Cookie"
- C. Adding an expiration date that has already passed.
- D. rename the cookie "clear.cookie"

Answer: C

QUESTION 47:

The built in function parseFloat() _____.

- A. converts a currency formatted number to a decimal formatted number.
- B. converts a number to its integer equivalent.
- C. does not exist.
- D. converts a number to its floating-point decimal equivalent.

Answer: D

QUESTION 48:

Once the constructor is defined, you need to create new instances of the object. This process is called _____.

- A. constructing
- B. populating

- C. instantiation
- D. calling

Answer: C

QUESTION 49:

There are _____ ways to refer to form objects.

- A. 4
- B. 5
- C. 3
- D. 2

Answer: D

QUESTION 50:

A _____ is a named space of memory, like a container that holds a value.

- A. value
- B. prompt()
- C. property
- D. variable

Answer: D

QUESTION 51:

What would the following code return?

```
"This is a test".indexOf("h",0);
```

- A. 3
- B. 14
- C. 2
- D. 1

Answer: D

QUESTION 52:

Regarding cookies: If the expires attribute is not used, when will the cookie expire?

- A. in 10 days
- B. in 3 days
- C. in 30 days

D. at the end of the user's session with the Web application

Answer: D

QUESTION 53:

The Microsoft implementation of the Netscape JavaScript language is called

_____.

- A. VBScript
- B. Java
- C. ECMAScript
- D. JScript

Answer: D

QUESTION 54:

$x+=y$ is the same as $x=x+y$.

- A. FALSE
- B. TRUE

Answer: B

QUESTION 55:

The _____ pair contains the domain name of the URL that issued the cookie.

- A. URL=URL
- B. domain=domain
- C. path=path
- D. document=document

Answer: B

QUESTION 56:

The location object is subordinate to the _____ object in the JavaScript hierarchy.

- A. form field
- B. window
- C. browser
- D. document

Answer: B

QUESTION 57:

JavaScript is an event-driven programming language. Events trigger _____.

- A. functions
- B. behaviors
- C. methods
- D. actions

Answer: A

QUESTION 58:

For a comment that extends beyond the current line, enclose the area that will not execute with _____ -

- A. */comment/*
- B. /*comment*/
- C. */comment*/
- D. /*comment/*

Answer: B

QUESTION 59:

_____ refers to the fact that some objects cannot be used or referenced without referring to the parent object.

- A. Containership
- B. Enveloping
- C. Parentship
- D. Hierarchy

Answer: A

QUESTION 60:

Consider the following Code:

```
<script>
var state = "";
var prderAmoint = 50;
state = prompt("which state do you live in?", "");
if (state.toUpperCase() == "CA") {
alert("Your total owed is: " + (orderAmount * 1.0825));
} else {
```



```
alert("Your total owed is:" +  
}  
</script>
```

What will the alert method display if the user lives in Tennessee?

- A. 1.0825 % of the order amount
- B. nothing
- C. The order amount only
- D. The order amount plus sales tax of 1.0825

Answer: C

QUESTION 61:

The _____ is the building block of all custom objects.

- A. statement
- B. function
- C. variable
- D. constructor

Answer: D

QUESTION 62:

_____ is used to associate an object's name with the object's properties or methods.

- A. A property
- B. A function
- C. A statement
- D. Dot notation

Answer: D

QUESTION 63:

Which form element would you use to create a scriptable button other than a reset or submit button?

- A. reset
- B. frm.Button
- C. button
- D. form.button

Answer: C

QUESTION 64:

The _____ method tests for the presence and position of a certain character.

- A. lastIndexOf()
- B. indexOf()
- C. presenceOf()
- D. length()

Answer: B

QUESTION 65:

The variable name "firstname" is the same as variable name "FirstName".

- A. TRUE
- B. FALSE

Answer: B

QUESTION 66:

ServerSide JavaScript will not function if LiveWire is not installed.

- A. TRUE
- B. FALSE

Answer: A

QUESTION 67:

Once the constructor is defined, you need to create new instances of the object. This process is called instantiation.

- A. FALSE
- B. TRUE

Answer: B

QUESTION 68:

A _____ is an organized block of code that handles actions generated by user events.

- A. function
- B. method
- C. statement

D. object

Answer: A, C

QUESTION 69:

Assuming Z= 3 and y= 2, what would be the result of : Z+=Y

- A. The value of Y is now 5
- B. The value of Y is now 3
- C. The value of Z is now 5
- D. The value of Z is now 2
- E. 5

Answer: C

QUESTION 70:

The name=value pair is the only information required to generate a cookie. All other parameters are optional.

- A. FALSE
- B. TRUE

Answer: B

QUESTION 71:

Which of the following is the JavaScript string object special character to insert a new line?

- A. /n
- B. \n
- C. \b
- D. /b

Answer: B

QUESTION 72:

The select object has three event handlers: _____, _____ and _____.

- A. onClick, onSelect, onChange
- B. click, select, change
- C. blur, focus, change
- D. onBlur, onFocus, onChange

Answer: D

QUESTION 73:

_____ are used in expressions to store or return a value.

- A. variables
- B. assignments
- C. operators
- D. methods

Answer: C

QUESTION 74:

Placing / in front of a line of text, within the Script tags will result in _____

- A. everything to the end of the line being ignored.
- B. The command that follows being carried out
- C. Everything that follows being ignored
- D. Nothing, as this is not valid

Answer: D

QUESTION 75:

All browsers store cookies exactly the same way, in the same directory.

- A. TRUE
- B. FALSE

Answer: B

QUESTION 76:

Which of the following is the JavaScript's server-side solution that enables you to connect Web pages to databases, as well as enable server-side image maps and save client state so that the computer will remember where the client is in a multi-page process.

- A. ServerSide JavaScript
- B. JavaWire
- C. Java
- D. LiveWire

Answer: D

QUESTION 77:

An Instance is the term for the real-time objects that are generated from the empty constructor template?

- A. FALSE
- B. TRUE

Answer: B

QUESTION 78:

var firstName="Sandy" would be the correct way to declare the variable firstName and assign it an initial value of "Sandy".

- A. True
- B. False

Answer: A

QUESTION 79:

In JavaScript terms, a sentence on a page is an example of _____

- A. an object
- B. a property
- C. a method
- D. a value

Answer: A

QUESTION 80:

If a function is not a built in function, then it is a _____ function.

- A. canned
- B. user-defined
- C. object based
- D. Java

Answer: B

QUESTION 81:

To call the alert() method, you need only place a simple line of code, called a _____, in a

script block somewhere in your document.

- A. statement
- B. method
- C. object
- D. command

Answer: A

QUESTION 82:

A _____ is used to send form contents to a server.

- A. send box
- B. submit button
- C. send button
- D. submit box

Answer: B

QUESTION 83:

The button object is the simplest of all objects. Its main event handler is _____.

- A. onClick
- B. onSubmit
- C. Click
- D. onReset

Answer: A

QUESTION 84:

You can declare as many methods for your custom object as you want.

- A. False
- B. True

Answer: B

QUESTION 85:

In JavaScript, there are _____ types of expressions.

- A. 6
- B. 7

- C. 4
- D. 5

Answer: C

QUESTION 86:

The main event handler associated with the radio button object is _____.

- A. onReset
- B. onClick
- C. onSubmit
- D. Click

Answer: B

QUESTION 87:

_____ are the actual data values you provide in JavaScript.

- A. Variables
- B. Literals
- C. Properties
- D. Methods

Answer: B

QUESTION 88:

Which of the following would be the correct JavaScript way to make a text string appear in bold print?

- A. "Hello!"
- B. "Hello!.bold()";
- C. "Hello!.bold()";
- D. "Hello!"

Answer: C

QUESTION 89:

You can only create 5 methods for an object?

- A. FALSE
- B. TRUE

Answer: A

QUESTION 90:

Some methods are also called functions, because they can return values.

- A. FALSE
- B. TRUE

Answer: B

QUESTION 91:

After calling the constructor function, the keyword "constructor" returns the specific properties for the custom object to the calling instantiation statement.

- A. TRUE
- B. FALSE

Answer: B

QUESTION 92:

Which of the following operators is the logical "and", that evaluates to true when both operands are true?

- A. AND
- B. &
- C. and
- D. &&

Answer: D

QUESTION 93:

The term _____ refers to any application, such as a Web Browser or help engine, that renders HTML for display to users.

- A. browser window
- B. Internet Explorer
- C. user agent
- D. browser agent

Answer: C

QUESTION 94:

JavaScript offer a predefined method for determining when you should use custom objects instead of arrays for your programs.

- A. FALSE
- B. TRUE

Answer: A

QUESTION 95:

When you want to evaluate multiple objects in an array, you need a _____ instead of a _____.

- A. literal, variable
- B. method, function
- C. variable, literal
- D. function, method

Answer: D

QUESTION 96:

The first character of a variable must not be a letter or an underscore, but subsequent characters can be letters, numbers, and the underscore character.

- A. TRUE
- B. FALSE

Answer: B

QUESTION 97:

With JavaScript, it is possible to change two frames simultaneously.
To do this, you must write a function that includes _____

- A. two location.href statements
- B. two parent.parent statements
- C. two references to top
- D. You cannot really do this.

Answer: A

QUESTION 98:

JavaScript is a strong object-based language.

- A. False
- B. TRUE

Answer: B

QUESTION 99:

JavaScript was the first scripting language developed for Webpage design.

- A. True
- B. False

Answer: A

QUESTION 100:

Variables can store _____ data types in JavaScript.

- A. 7
- B. 5
- C. 4
- D. 6

Answer: B

QUESTION 101:

JavaScript is not platform independent.

- A. False
- B. True

Answer: A

QUESTION 102:

|| is a comparison operator. x||y returns true if both x and y are true.

- A. FALSE
- B. TRUE

Answer: B

QUESTION 103:

Consider the following script:

```
<SCRIPT>
<!--
var name;
name=prompt("What is your name?","");
alert("Hello, " +name + ".");
// -->
</SCRIPT>
```

What does this script do in terms of the use of the variable "name"?

- A. The variable value is assigned via the prompt method, and then displayed via the alert method.
- B. The variable value is assigned via the prompt method.
- C. Nothing. This script would result in an error.
- D. The variable value is assigned via the alert method.

Answer: A

QUESTION 104:

_____ are the actions that the object property can be made to perform, such as a calculation, an onscreen move, or the writing of text in a window.

- A. Behaviors
- B. Values
- C. Methods
- D. Properties

Answer: C

QUESTION 105:

1stName would be a valid variable name.

- A. True
- B. False

Answer: B

QUESTION 106:

JavaScript used two types of comment indicators. The _____ indicator delineates a comment on a single line of script. The _____ indicator is used for multiple line comments.

- A. //, /*.....*/
- B. //, /*/...*/
- C. //, /.../
- D. /*.....*/, //

Answer: A

QUESTION 107:

A _____ creates an empty template from which real-time objects, called _____, can be generated.

- A. constructor, instances
- B. function, instances
- C. method, constructors
- D. variable, constructors

Answer: A

QUESTION 108:

The key difference between the While Statement and the Do While Statement is _____

- A. The Do While Statement does not check the condition until it has iterated the loop at the first time. The While Statement will check the condition before beginning the first loop.
- B. None. There is no Do While loop in JavaScript.
- C. The While Statement does not check the condition until it has iterated the loop at the first time. The Do While Statement will check the condition before beginning the first loop.
- D. The Do While Statement will check the condition before it loops the first time. The Do While Statement will never check the condition.

Answer: A

QUESTION 109:

_____ are named spaces of memory.

- A. methods
- B. variables
- C. values
- D. objects

Answer: B

QUESTION 110:

The String, Array, Date and Math objects are all _____ objects.

- A. window
- B. browser
- C. language
- D. form

Answer: C

QUESTION 111:

The first character of a variable cannot be a number.

- A. TRUE
- B. FALSE

Answer: A

QUESTION 112:

Although not mandatory, it is advisable to define all your functions in the HEAD element of your HTML document.

- A. TRUE
- B. FALSE

Answer: A

QUESTION 113:

|| is a comparison operator.

- A. FALSE
- B. TRUE

Answer: B

QUESTION 114:

The continue statement can only be used within a _____.

- A. for or a while loop
- B. for loop
- C. for or a next loop
- D. while statement

Answer: A

QUESTION 115:

A (an) _____ is a programming function that models the characteristic of abstract or real "objects" using classes.

- A. method
- B. attribute
- C. object
- D. value

Answer: C

QUESTION 116:

in JavaScript, x++ will add one to the value of x after the assignment is complete.

- A. TRUE
- B. FALSE

Answer: A

QUESTION 117:

alinkColor, anchors, bgColor, cookie and fgColor are all properties of the _____ object.

- A. document
- B. browser
- C. form field
- D. window

Answer: A

QUESTION 118:

Which if any of the following enables you to access a child window from the parent window using an object reference?

- A. The opener property of the window object
- B. The open() method of the window object
- C. The parent.parent statement
- D. None. This cannot be done.

Answer: B

QUESTION 119:

The _____ is often used in programming to separate statements from each other.

- A. tab
- B. comma
- C. semicolon
- D. single quote

Answer: C

QUESTION 120:

A _____ is an input object in the shape of a small square that can be selected, or checked on or off.

- A. input box
- B. checkbox
- C. select
- D. radio button

Answer: B

QUESTION 121:

The _____ object is used to reflect information about the browser being used. This object can determine the brand and version of the browser in use, as well as the user's operating system.

- A. navigator
- B. userAgent
- C. useNav
- D. version

Answer: A

QUESTION 122:

In JavaScript, the operator =, is an assignment operator. It will _____

- A. add the value of the left operand to the right operand
- B. add together the operands.
- C. assign the value of the left operand to the right operand.
- D. assign the value of the right operand to the left operand.

Answer: D

QUESTION 123:

The method toUpperCase() can also be called a function.

- A. FALSE
- B. TRUE

Answer: B

QUESTION 124:

Language objects are named with a capital letter. Since JavaScript is case sensitive, using lower case to refer to one of these objects will cause an error.

- A. TRUE
- B. FALSE

Answer: A

QUESTION 125:

The _____ indicator delineates a comment on a single line of script.
The _____ indicator is used for multiple line comments.

- A. //, /*.....*/
- B. //, /.../
- C. //,*/...*/
- D. /*.....*/, //

Answer: D

QUESTION 126:

The continue statement is used with a _____.

- A. for or a while loop
- B. for or a next loop
- C. for loop
- D. while statement

Answer: A

QUESTION 127:

On of the most common and functional uses of client-side JavaScript is to

_____.

- A. preform temporary calcuations.
- B. validate form field submissions.
- C. alert users with a greeting.
- D. prompt users for input.

Answer: B

QUESTION 128:

Which of the following are all the types of expressions allowed in JavaScript?

- A. Assignment, arithmetic, string and logical
- B. Assignment, arithmetic, string and boolean
- C. Assignment, arithmetic, string, logical, comparison, and boolean
- D. Assignment, arithmetic, string, logical and boolean

Answer: A

QUESTION 129:

When the alert() method and the prompt() method are both used in the same statement, the _____ method will process first.

- A. open()
- B. prompt()
- C. alert()
- D. confirm()

Answer: B

QUESTION 130:

In programming, _____ encapsulate predesignated attributes and behaviors.

- A. methods
- B. objects
- C. attributes
- D. values

Answer: B

QUESTION 131:

What will the following code cause to happen on Mouseover?

```
<a href="javascropt:linksFun();"
onMouseOver="status='Related Links';return true;"
onMouseOver="status='related Links';Return true;"
```

- A. nothing
- B. The words "Related Links" will appear in the status bar.
- C. The words "Related Links" will appear as a drop down list.
- D. The words "Related Links" will disappear in the status bar.

Answer: B

QUESTION 132:

To instantiate and then populate the properties of each new instance with actual data, you must _____.

- A. declare functions
- B. declare variables
- C. create values
- D. call the function

Answer: B

QUESTION 133:

In JavaScript, in order to target a frame, you need to know

- A. the frame's name.
- B. a frame's number in the frames array
- C. the URL of the frame.
- D. a frame's number in the frames array, or the frame's name.

Answer: D

QUESTION 134:

JavaScript contains both Keywords that you must use to achieve specific results and Reserved words that you are not permitted to use for variable or function names.

- A. TRUE
- B. FALSE

Answer: A

QUESTION 135:

Since JavaScript is case sensitive, using lower case to refer to language objects will result in an error.

- A. FALSE
- B. TRUE

Answer: B

QUESTION 136:

If you want to declare a variable that can be accessed by more than one function or script block in your program, you will need to declare the variable _____.

- A. In the HEAD element of the HTML document.
- B. Outside of any function definition.
- C. Inside your function definition.
- D. In the body element of the HTML document.

Answer: B

QUESTION 137:

- A _____ is the specific color, width or height that belongs to the property of an object.
- E. method
 - F. value
 - G. property
 - H. behavior

Answer: B

QUESTION 138:

JavaScript is an object _____ programming language.

- A. oriented
- B. targeted
- C. related
- D. based

Answer: D

QUESTION 139:

An ObjectBuilder defines the properties and methods of a custom object.

- A. TRUE
- B. FALSE

Answer: B

QUESTION 140:

The _____ method, allows you to create text that is dynamically written to the window as the script is executed.

- A. document.write()
- B. document.prompt()
- C. prompt()
- D. document.input()

Answer: A

QUESTION 141:

Which of the following is the correct way to test for the presence of a cookie?

- A. test(document.cookie);
- B. alert(document.cookie);
- C. document.cookie
- D. prompt(document.cookie);

Answer: B

QUESTION 142:

JavaScript will support direct database access even if LiveWire is not installed on the server.

- A. FALSE
- B. TRUE

Answer: A

QUESTION 143:

Frames are arranged in a parent child hierarchy. With this in mind, in JavaScript, which keyword targets the parent of all parents in a frameset?

- A. top
- B. _parent

- C. parent
- D. _top

Answer: A

QUESTION 144:

To instantiate new instances of an object you need the new keyword, the function name, and a list of values.

- A. FALSE
- B. TRUE

Answer: B

QUESTION 145:

The only way to use date and time information in JavaScript is through the Date object.

- A. FALSE
- B. TRUE

Answer: B

QUESTION 146:

JavaScript is a strong object-oriented language that relies, for a large part of its functionality, on objects and their attendant methods and properties.

- A. False
- B. TRUE

Answer: A

QUESTION 147:

A (an) _____ is a value or expression containing data or code that is passed on to a function or procedure.

- A. method
- B. object
- C. argument
- D. statement

Answer: C

QUESTION 148:

A server named www.thisserver.com can set a cookie for the domain www.thatserver.com.

- A. FALSE
- B. TRUE

Answer: A

QUESTION 149:

Which of the following is the JavaScript string object special character to insert a new line?

- E. /n
- F. \n
- G. \b
- H. /b

Answer: B

QUESTION 150:

What would the following JavaScript code return?

"SANDY COBB".charAt(3);

- A. N
- B. n
- C. d
- D. D

Answer: D

QUESTION 151:

The document.write method belongs to the _____ object.

- A. browser
- B. form
- C. window
- D. document

Answer: D

QUESTION 152:

The technique of embedding scripting instructions directly into certain HTML tags is called _____.

- A. tagging
- B. client-side scripting
- C. inline scripting
- D. scripting

Answer: C

QUESTION 153:

You must declare variables that will become object references to a newly instantiated objects to

- A. populate the properties of each new instance
- B. instantiate and then populate the properties of each new instance with actual data.
- C. instantiate and then call the properties of each new instance with actual data.
- D. instantiate the object.

Answer: B

QUESTION 154:

JavaScript is case sensitive, and the keyword "function" must be all lowercase.

- C. FALSE
- D. TRUE

Answer: B

QUESTION 155:

The following are both advantages of creating user defined objects in JavaScript:

1. You can create sophisticated solutions with a minimum of coding.
2. You can represent programming constructs as objects (which allows you to code efficient schemes for evaluating forms or creating client-side databases).

- A. TRUE
- B. FALSE

Answer: A

QUESTION 156:

Methods operate on _____ instances of objects.

- E. two
- F. three
- G. multiple

H. single

Answer: D

QUESTION 157:

Which of the following, if any, shows the appropriate syntax for accessing a function stored in a frame file?

- A. relationship.frameName.functionName();
- B. relationship.frameName.objectName();
- C. frameName.functionName();
- D. None. This cannot be done.

Answer: A

QUESTION 158:

The main event handler associated with the checkbox object is _____.

- A. Click
- B. onReset
- C. onClick
- D. onSubmit

Answer: C

QUESTION 159:

An _____ is a part of a statement that is evaluated as a value.

- A. exception
- B. assignment
- C. expression
- D. operator

Answer: C

QUESTION 160:

VBScript and _____ are scripting languages that are similar in purpose. Both extend the capabilities of static Web pages.

- A. C++
- B. Visual Basic
- C. JavaScript

D. Java

Answer: C

QUESTION 161:

One domain cannot deposit a cookie for another domain. This would be cross-domain posting and in theory, is not possible. However, the cross-domain posting rule can be bypassed with the use of shared cookies.

A. FALSE

B. TRUE

Answer: B

QUESTION 162:

The window object is subordinate to the document object in the JavaScript hierarchy.

A. FALSE

B. TRUE

Answer: A

QUESTION 163:

```
function empObject(name, age, department) {  
  this.name = name;  
  this.age = age;  
  this.department = department;  
  this.showOne = showOne;  
}
```

The code above Defines a constructor function for a custom object named empObject. It contains three properties: name, age, and department. It contains one method: showOne

A. TRUE

B. FALSE

Answer: A

QUESTION 164:

A way to exit a loop that would otherwise continue to execute is to use the break statement. If a condition is reached, the user is allowed to break out of the loop. You can use the break statement within the _____.

- A. if and else loops
- B. for and while loops
- C. while and else statements
- D. if and for statements

Answer: B

QUESTION 165:

-- is a _____ type of operator.

- A. Logical
- B. Arithmetic
- C. Assignment
- D. Unary

Answer: C

QUESTION 166:

The _____ method request user input through a text field within a dialog box.

- A. request()
- B. alert()
- C. confirm()
- D. prompt()

Answer: D

QUESTION 167:

alert(), prompt(), and confirm() are all examples of _____

- A. behaviors
- B. values
- C. methods
- D. actions

Answer: C

QUESTION 168:

A function that defines methods and properties of a custom object used as a template for instances of the custom object is a _____

- A. predefined object

- B. method
- C. constructor
- D. new instance

Answer: C

QUESTION 169:

How would you change two frames simultaneously in JavaScript?

- A. You must write a JavaScript function that includes two references to top.
- B. You must write a JavaScript function that includes two or more location.href statements.
- C. You must write a JavaScript function that includes the top.top statement.
- D. You must write a JavaScript function that includes the parent.parent statement.

Answer: B

QUESTION 170:

The first character of a variable must be a letter or an underscore, but subsequent characters can be letters, numbers, and the underscore character.

- A. FALSE
- B. TRUE

Answer: B

QUESTION 171:

Which information is required to generate a cookie?

- A. The HTTP address, name server, and username validation are required.
- B. The validated return address of the user is the only required information.
- C. The name=value pair is the only required information.
- D. The path=domain is the only required information.

Answer: C

QUESTION 172:

Which one of the following choices best describes a fundamental problem with JavaScript Web sites?

- A. Webmasters sometimes include too many cookies, and this can slow all transactions on a site.
- B. Cookies can inadvertently generate false verification of user IDs, creating potential security risks

for the end user.

- C. Scripts can generate security problems or infinite loops if written incorrectly.
- D. The IPv6 protocol will have a major impact on JavaScript-based Web sites.

Answer: C

QUESTION 173:

Which one of the following is an action that can be performed by an object?

- A. Property
- B. Value
- C. Method
- D. String

Answer: C

QUESTION 174:

Sven wants to open a new window with JavaScript, but he repeatedly receives an error message. He reviews his code, as shown:

```
open ("http://www.prolific.com", "Pro Window" , "toolbar = 1 ,location = 1 ,menubar = 1  
,  
scrollbars = 1 ,status = 1 ,resizable = 1");
```

Which one of the following choices shows how Sven should rewrite this line of code so that no errors result when it is executed?

- A. `open("http://www.prolific.com"."Pro Windows"."toolbar=! ,location=1,menubar=1,scrollbars=1,status=1,resizable=1 ");`
- B. `open("http://www.prolific.com","Pro Window ", "toolbar = 1,location = 1,menubar = 1 ,scrollbars = 1,status = 1 ,resizable = 1");`
- C. `open("http://www.prolific.com"."ProWindow", "toolbar=1,location=1,menubars=1,scrollbars=1,status=1,resizable=1 ");`
- D. `open ("http://www.prolific.com", "ProWindows", "toolbar = 1,location = 1,menubar = 1,scrollbars = 1,status = 1,resizable = 1 ");`

Answer: D

QUESTION 175:

Sasha needs to display quotation marks for a greeting on the corporate Web page. She adds the quotation marks to the JavaScript as follows:

```
var questions = new Array(2)  
questions[0] = "What is the capital of the USA?";
```

```
questions[1] = "Who is the company \"President\"?";
```

```
questions[2] = "Who is the company \"Vice-President\"?";
```

When Sasha runs the code, however, the quotation marks do not appear around the words "President" and "Vice-President"

Which of the following choices shows how Sasha should rewrite the code to make the script execute properly?

A.

```
questions[1] = "Who is the company \"\\President\" \\";
```

```
questions[2] = "Who is the company \"\\Vice-President\" \\";
```

B.

```
questions[1] = "Who is the company \"\\President\"\\\"";
```

```
questions[2] = "Who is the company \"\\Vice-President\"\\\"";
```

C.

```
questions[1] = "Who is the company \\ \"President\" \\";
```

```
questions[2] = "Who is the company \\ \"Vice-President\" \\";
```

D.

```
questions[1] = "Who is the company \\\"President\\\"?";
```

```
questions[2] = "Who is the company \\\"Vice-President\\\"?";
```

Answer: D

QUESTION 176:

When using frames, where should functions and variables be stored in a JavaScript-based Web site?

A. Anywhere in the Web server that has an appropriate set of permissions to access and write.

B. Anywhere in the HTML pages that not invoked in making the frameset.

C. In any HTML file that is invoked in making the frameset.

D. In the cgi-bin directory of the Web server.

Answer: C

QUESTION 177:

Jennie wants to retrieve the MIME information about her Web form.

Which property of the form object retrieves this information?

A. method

B. name

C. action

D. encoding

Answer: D

QUESTION 178:

The specific color, width or height that belongs to a property of an object is held by what?

- A. An object
- B. A value
- C. A method
- D. A string

Answer: B

QUESTION 179:

Consider the following HTML:

`<TT></TT>`

Which method of the String object is used to write the JavaScript equivalent to this HTML?

- A. blink()
- B. sub()
- C. italics()
- D. fixed()

Answer: D

QUESTION 180:

What is the maximum size for any given cookie header?

- A. The maximum size for the cookie header is 4 kilobytes.
- B. The maximum size for the cookie header is 15 kilobytes.
- C. There is no maximum size for the cookie header.
- D. There is no maximum size for the cookie header, but the entire cookie cannot exceed 20 kilobytes.

Answer: A

QUESTION 181:

Raul wants to display the current data and time in the Web page he just created.

Which JavaScript object can he use to access this information and display it on a Web page?

- A. Realtime
- B. Clock
- C. Time
- D. Date

Answer: D

QUESTION 182:

Tanja wants to target the "parent" frame of all frames in her Web site. In HTML, this parent frame is called "_top".

What is this parent called if Tanja decided to use JavaScript in her Web page?

- A. The parent of all Web pages is called index.html.
- B. The parent is called "top" in JavaScript.
- C. The word "parent" is a slang reference to main.html and cannot be targeted.
- D. It depends on how the pages are identified; the "parent" page will be referred to as such in Tanja's schema.

Answer: B

QUESTION 183:

Ling wants to add a button to her Web page that will transport the user to another Web page. She does not to use a hyperlink, so she includes the following JavaScript:

```
<FORM>
<INPUT TYPE = "button" VALUE = "Home Web"
onClick = "href(http://219.155.184.2);">
</FORM>
```

The code does not function as Ling intended.

Which of the following choices shows how she should rewrite the script to make it function correctly?

- A. <FORM>
<INPUT TYPE="button" VALUE="Home Web"
onClick="location.href="http://219.155.184.2':">
</FORM>
- B. <FORM>
<INPUT TYPE="button" VALUE="Home Web"
onClick="href = 'http://219.155.184.2': ">
</FORM>
- C. <FORM>
<INPUT TYPE="button" VALUE="Home Web"
Click="href="http://219.155.184.2':">
</FORM>
- D. <FORM>
<INPUT TYPE="button" VALUE="Home Web"
onClick="location.href="http://219.155.184.2";">
</FORM>

Answer: D

QUESTION 184:

In which part of the HTTP communication protocol does the cookie initially begin to function?

- A. In the initial query, to identify the user to the server.
- B. In the HTTP response header.
- C. In the parsing of the server's user database.
- D. After the server confirms the browser's ability to recognize cookies.

Answer: B

QUESTION 185:

Consider the following HTML:

`<|></|>`

Which method of the String object is used to write the JavaScript equivalent to this HTML?

- A. bold()
- B. fixed()
- C. italic()
- D. sub()

Answer: C

QUESTION 186:

You want to comment out a single line of JavaScript in a function.

Which of the following should you use in your code?

- A. //
- B. <comment>
- C. /"..." /
- D. <!--

Answer: A

QUESTION 187:

Which property of the form object is a string value that contains the name of the window or frame to which responses to form submissions are directed?

- A. name
- B. elements
- C. encoding
- D. target

Answer: D

QUESTION 188:

Which JavaScript object should be used to create buttons that animate whenever the mouse pointer passes over them?

- A. Button
- B. File
- C. Image
- D. Frame

Answer: C

QUESTION 189:

Which property of the document object represents the color in which text is to be displayed?

- A. txColor
- B. bgColor
- C. fgColor
- D. txtColor

Answer: C

QUESTION 190:

Which string value contains the name of the client used to access a page under the navigator object (i.e., Netscape for Netscape Navigator)?

- A. userAgent
- B. appName
- C. platform
- D. AppVersion

Answer: B

QUESTION 191:

Which property of the location object refers to the hostname:port solution of the URL?

- A. host
- B. pathname
- C. hash
- D. protocol

Answer: A

QUESTION 192:

Wilhelm is creating a Web page using JavaScript. He wants to set a cookie with each site visitor so that his Web server can recognize visitors on subsequent visits for one month. Which one of the following choices contains the elements required in this cookie?

- A. CGI script that requires the visitor to provide name and address.
- B. The name=value and user=ID fields.
- C. The name=value and expires=date fields.
- D. The "secure" keyword and all the key=value pairs.

Answer: C

QUESTION 193:

Which method of the String object would you use when writing the name of a chemical compound, such as "H2O"?

- A. sup()
- B. sub()
- C. small()
- D. anchor()

Answer: B

QUESTION 194:

What is a constructor function in JavaScript?

- A. A special function that enables the recursion of functions throughout the Web site.
- B. A special function that allows the construction of objects.
- C. Any function that allows databases to be parsed without being loaded entirely into memory.
- D. Any function that allows the definition of any object as a global rather than a specific instance.

Answer: B

QUESTION 195:

Which property of the form object describes the URL to which the form data is submitted?

- A. name
- B. action
- C. method
- D. target

Answer: B

QUESTION 196:

Ling wants to clear some of the cookies that her Web server has given to her visitors. What is the best way for her to accomplish this task?

- A. Change the date field to a date in the past.
- B. Create a new cookie that includes the value=delete field with the name=value field.
- C. Suspend the use of cookies for a short time so all the cookies on her visitors' machines are not refreshed.
- D. Create new cookies that contain the name=/dev/null value pair.

Answer: A

QUESTION 197:

What is the primary difference between method and functions when working with custom JavaScript objects?

- A. There is no difference between method and functions in JavaScript.
- B. Method work with single instances of objects, whereas functions can work on all instances of an object.
- C. Functions are declared in the constructor, whereas method are never declared in the constructor.
- D. Method are single entities, whereas functions can have more than one method.

Answer: B

QUESTION 198:

Mark must determine the number of elements in his user-input form. Which property of the form object will return this number?

- A. length
- B. encoding
- C. target
- D. elements

Answer: A

QUESTION 199:

Which one of the following best describes JavaScript?

- A. Interpreted at run time, and complied
- B. Interpreted at run time, and not compiled
- C. Not interpreted at run time, and compiled on the server
- D. Not interpreted at run time, and not compiled

Answer: B

QUESTION 200:

Nadir has created several new instances of custom objects.
How can he now allow access to this information with a Web browser?

- A. He must create an object method that allows synchronization with the rest of the code.
- B. He must declare the new objects and define their permissions.
- C. He must create an object method that allows the viewing of the target.
- D. He must define the object on the series of pages preceding it in the hierarchy of pages within his Web site.

Answer: B

QUESTION 201:

Which property of the form object represents the identity of the form as defined in the <FORM> tag?

- A. elements
- B. method
- C. name
- D. target

Answer: C

QUESTION 202:

Which method of the String object would you use when writing a complex mathematical formula in JavaScript that includes powers, such as "E=MC2"?

- A. sup()
- B. anchor()
- C. small()
- D. fixed()

Answer: A

QUESTION 203:

Ann inadvertently deleted her cookies.txt file.
How will this affect her browsing experience?

- A. She must re-enter her personal information wherever she has user accounts that rely on cookies.
- B. She will enjoy a quicker browsing experience because the servers she visits need not confirm her user identity.
- C. It depends on the type of cookies.txt file that was generated within her browser user profile; if the cache files and cookies.txt were deleted, all links will appear unvisited.
- D. Her Web browser will no longer function because the cookies.txt file is necessary for browser operation.

Answer: A, C

QUESTION 204:

Can a cookie identify a user to a Web site even if that user has never submitted personal information to that site?

- A. Yes - if the user visited a site that uses shared cookies, the user can be identified using data that was passed to another site.
- B. No - commercial sites do not share customer data with other sites; they encrypt cookie information to prevent this.
- C. No - passing this information constitutes an extreme security risk, and no site would jeopardize its uses that way.
- D. It depends on the type of information authorized by the user, which is defined in the User Profile section of the browser administration screen.

Answer: A

QUESTION 205:

Which property of the location object specifies the internal link anchor name, which is followed by the number sign (#) in the URL?

- A. hash
- B. href
- C. host
- D. pathname

Answer: A

QUESTION 206:

You are creating a Web page. You want to ensure that users who have older browsers that cannot display JavaScript can still view your home page.

How should you proceed?

- A. Save the JavaScript to a separate file with a .txt extension.
- B. Write the script in an additional scripting language.
- C. Use the HTML comment tag around the JavaScript code inside <SCRIPT> tags.
- D. Use the alert tag.

Answer: C

QUESTION 207:

Tanja needs to examine only a small portion of a string.
Which JavaScript method should she use to perform this task?

- A. substring()
- B. supstring()
- C. subtext()
- D. searchtxt()

Answer: A

QUESTION 208:

Which one of the following choices best describes how cookies are stored on a user's hard drive?

- A. On UNIX machines, cookies are stored as .bin files in the user's home directory.
- B. Cookies are stored in files that are linked to each site visited.
- C. Depending on the browser type, cookies are stored as text strings in directories.
- D. Cookies are stored in the directory where the browser executables are stored, and are compressed to save space.

Answer: C

QUESTION 209:

Can the practice of calling JavaScript functions from framesets be extended to calling them from different browser windows?

- A. Yes - but only if the Webmaster creates a hard link to the new window.
- B. No - the method used to refer one window to another is always coded in the frameset.
- C. No - javaScript cannot perform this task; it is handled in the index.txt file.
- D. Yes - the syntax is slightly different, but the concept is basically the same.

Answer: D

QUESTION 210:

When using custom JavaScript objects, why should you use arrays of instantiate each object individually?

- A. If the Web browser must parse the same code repeatedly, your computer will probably run more slowly.
- B. Because JavaScript requires more time to instantiate objects individually than does Perl or another scripting language.
- C. Arrays are more efficient because they are flexible and they are indexed, thus repetitive tasks are easier to handle.
- D. Because JavaScript handles memory so poorly, it is impossible to write single variables that function in any number.

Answer: C

QUESTION 211:

Which is the JavaScript property that is used to inform a script that an image has finished loading?

- A. final
- B. whole
- C. total
- D. complete

Answer: D

QUESTION 212:

Which property of the navigator object identifies the operating system for which the browser was compiled?

- A. platform
- B. userAgent
- C. appVersion
- D. appName

Answer: B

QUESTION 213:

Consider the following JavaScript code:

```
"parent.twoframes.frames[1].location.href = "new.htm"
```

Where does this code place the file new.htm in a three-frame browser window?

- A. On the left side, running down the entire page.
- B. In the second frame, defined in the twoframes frameset.
- C. In the lower-right frame of the three-frame page.
- D. The two right frames are replaced with one page.

Answer: B

QUESTION 214:

Which language is considered to be object-oriented?

- A. JavaScript
- B. Java
- C. VBScript
- D. LiveScript

Answer: B

QUESTION 215:

You want to comment out multiple lines of JavaScript.
Which of the following should you use in your code?

- A. //
- B. <comment>
- C. /"..." /
- D. <!--

Answer: C

QUESTION 216:

Which company developed JavaScript?

- A. Sun Microsystems
- B. Microsoft
- C. Netscape
- D. IBM

Answer: C

QUESTION 217:

You want to embed your JavaScript into an HTML document.
Which HTML tag should you use?

- A. <COMMENT>
- B. <SCRIPT>
- C. <META>
- D. <OBJECT>

Answer: B

QUESTION 218:

Management tells Wilhelm that he should use more object-oriented features in his Web site.

Before doing this, what does Wilhelm need to know about objects?

- A. Objects are specified fields in databases or instances of spreadsheets.
- B. Objects can contain static data as well as functions or methods.
- C. Objects need to be declared very carefully because they can slow a server dramatically if they are mishandled.
- D. Objects cannot see each other, and an extra layer of code that declares objects and functions is required to initiate the program.

Answer: C

QUESTION 219:

Can a programmer refer to a variable from anywhere in a frameset?

- A. No - the protocol does not allow this.
- B. Yes - if the Webmaster refers to the variable using the proper syntax.
- C. Yes - if the variable is coded to account for differences in Netscape and Microsoft browsers.
- D. Yes - but this is not advisable because you cannot refer more than three variables.

Answer: B

QUESTION 220:

Which of the following is the term for a single line of JavaScript code that is executed in a script or program?

- A. Statement
- B. String
- C. Sentence
- D. Comment

Answer: A