**Java Script (Descriptive)**

1. Write some features of JavaScript.
2. “JavaScript is called interpreted language”- why?
3. Why JavaScript is called weakly type language?
4. What do you understand by Undefined and null values?
5. What are primitive data types?
6. What is variable?
7. What are global and local variables?
8. What is an array?
9. Which are called LIFO based and FIFO based method?
10. What are the two purposes of plus operator?
11. What is the use of typeof operator?
12. Which operator can be used as an alternative of conditional statement?
13. What are the three basic structure of JavaScript?
14. What are the three categories of operators?
15. Which loop checks the condition at the end of the statement?
16. What are the three parts of for loop?
17. Where return statement is used?
18. What the benefit of using with statement.
19. How can you fire a function?
20. What are the three main event categories?
21. How function constructor and function literals are declared?
22. Show the hierarchy of HTML form.
23. What do you understand by proto type concept in JavaScript?
24. Why object-oriented programming is essential in JavaScript?
25. What is Document Object Model (DOM)?
26. What is the benefit of preloading image?
27. What are the functions of open and close method?
28. What are the events in HTML and JavaScript?
29. What are the three cross-browser methods of history object?
30. What are the two methods of location objects?

**Java Script (MCQ)**

|  |  |  |  |
| --- | --- | --- | --- |
| 01. | Javascript is –  a. compiled language  b. Interpreted language  c. compiled and interpreted language d. none | 11. | In regular expression caret(^) symbol is used to –  a. search text/character  b. replace text/character  c. don’t want to prefaced a text/character  d. none |
| 02. | Which of the following is not a built-in finction?  a. alert  b. promt  c. open  d. write | 12. | To take the numeric value from a string which function is used?  a. Integer b. parseInt c. parserInt d. parseFloat |
| 03. | Which of the following is false for javascript?  a. It is weakly typed language.  b. It changes the page dynamically.  c. Lighten the amount of code.  d. none | 13. | <script type="text/javascript">  x=3\*"15";  document.write(x);  </script>  What is the output?  a.315 b. 15 c. 45 d. 3 |
| 04. | Which of the following statement is wrong?  a. docment.write(“hello”);  b. alert(“hello”)  c. both a and b  d. none | 14. | Which of the following array declaration is wrong?  a. arr = new Array[1,2,3]  b. arr = (1,2,3);  c. arr = new Array(1,2,3)  d. arr = [1,2,3] |
| 05. | What is the output of the following code:  var a=10, b=”20 pcs”;  var c= a\*b;  document.write(c);  a. 200 b. 1020 pcs c. 30 pcs d. NaN | 15. | var str = “Java Programming”;  str = str.replace(/java/,”Javascript);  document.write(str);  a. Java Programming b. Javascript Progrmming  c. Javascript d. Java |
| 06. | Which one is the correct declaration of hexadecimal number?  a. var alpha = 0Xdd b. var beta=0xaa  c. var gamma = #ff d. none | 16. | When a variable is declared but no value is given then it contains –  a. null value  b. undefined value  c. void d. zero |
| 07. | In Javascript, What does is NaN function do?   1. Return false if the argument is not a number. 2. Return true if the argument is a number. 3. Return true if the argument is not a number. 4. none | 17. | <script language="javascript">  function x(y,z){alert(z.length);}  </script>  x(“java”,”c++”);  What is the output?  a.2 b. 3 c.4 d. 5 |
| 08. | Which of the following is not a reserved word  a. news b. void c. true d. else | 18. | If x=50 & y=5 then x%=y, what is the value of x after executing x%=y?  a.50 b. 10 c. 5 d. 0 |
| 09. | What is the output of the following code:  document.write(200+”50 Tk”);  a. 250 tk b. 20050 tk c. 50 tk d. NaN | 19. | var a = 5;  function test(){ var b = ”abc”; var c = a+b;}  In the above code find out the local variable(s).  a. a b. b c. a and b d. b and c |
| 10. | To show **Cox’s Bazar** which one is correct?  a. alert(“Cox\’s Bazar”)  b. alert(“Cox’\s Bazar”)  c. alert(“Coxa\s’ Bazar”)  d. alert(“Cox’s Bazar”) | 20. | language="javascript">  var arr= new Array(“web”,”HTML”,”WWW”,”PHP”);  document.write(arr[2]);  What is the output?   1. web b. HTML c. WWW d. PHP |
| 21. | Which of the following is not user-defined function(s)?  a. document.write() b. Math.floor()  c. myStr() d. both a and b | 32. | Which of the following is the correct?  a. window.elementname.value  b. window.formname.elementname.value  c. document.formname.elementname.value  d. none |
| 22. | What will be the output of the following code?  document.write(Math.min(15,5)  a. 15 b. 5 c. 10 d. none | 33. | Maximum height of screen is define by which screen property? a. screen.availHeight  b. screen.Height  c. screen.maxHeight d. both a and c |
| 23. | Which of the following statement can be used as an alternative of if-else statement?  a. for loop b. while loop c. switch-case d. all | 34. | URL is set in which window property?  a. defaultStatus b. navigator  c. location d. name |
| 24. | Switch(n)  { case A: alert(“1”); break;  case B: alert(“2”); break;  default: alert(“3”);  }  If n=b then what will be the output?  a. 1 b. 2 c. 3 d. none | 35. | Which of the following is an example of function constructor?  a. var r = function(“a”,”b”, “return a+b”);  b. var r = new function(“a”,”b”,”return a+b”);  c. var r = new Function(“a”,”b”,”return a+b”);  d. var r =Function(“a”,”b”,”return a+b”); |
| 25. | In which loop exit condition is checked first?  a. for loop b. for/in loop  c. while loop d. do/while loop | 36. | Which of the following method repeat script action?  a. setInterval b. setTimeOut  c. setrepInterval d. none |
| 26. | continue statement is used with which statement?  a. with b. label c. nested loop d. break | 37. | self.navigator.appName returns –  a. Browser code name b. Browser name  c. Browser version d. none |
| 27. | Any object property is called –  a. function b. method c. attribute d. none | 38. | Which of the following method move window’s in absolute position?  a. moveBy b. moveTo c. moveAbs d. all |
| 28. | Which of the following form-related event?  a. onload b. onclick c. onfocus d. all | 39. | To detect window is unloaded or not which of the following is used?  a. self.unload b. self.close  c. self.closed d. self.load |
| 29. | Function retval(){ var a =20; return a;}  document.write(retval()+30);  the output is –  a. 20 b. 30 c. 40 d. 50 | 40. | Which of the following is the property of form object?  a. window b. document  c. element d. element value |
| 30. | var mod = function(p,q){return p%q}  document.write(mod(10,5);  What will be the output?  a. 10 b. 5 c. 0 d. 2 | 41. | Which function is used to clear the undefined values in the text window?  a. submit() b. reset() c. clear() d. none |
| 31. | Which of the following is not user-defined function(s)?  a. document.write() b. Math.floor()  c. myStr() d. both a and b | 42. | Which of the following is the correct?  a. window.elementname.value  b. window.formname.elementname.value  c. document.formname.elementname.value  d. none |
| 43. | What will be the output of the following code?  document.write(Math.min(15,5)  a. 15 b. 5 c. 10 d. none | 50. | Maximum height of screen is define by which screen property? a. screen.availHeight b. screen.Height  c. screen.maxHeight d. both a and c |
| 44. | Which of the following statement can be used as an alternative of if-else statement?  a. for loop b. while loop c. switch-case d. all | 51. | URL is set in which window property?  a. defaultStatus b. navigator  c. location d. name |
| 45. | <script language="javascript">  function x()  {  var s= “Bad Luck”;  var output= s.replace(/bad/i,”Good”);  document.write(output);  }  </script>  What is the output?   1. Luck b. Good Luck c. Bad Luck d. none | 52. | <script type="text/javascript" language="javascript">  n=((91%3)==0)? "hello" : "bye";  document.write(n);  </script>  What is the output?   1. hello b. bye c. error d. none |
| 46. | <script language="javascript">  var str="I like Java Script”;  alert(str.substring(7,11));  </script>  What is the output?   1. Like b. Java c. Script d. none | 53. | What is mean by "this" keyword in javascript?   1. It refers current object 2. It refers previous object 3. It is variable which contains value 4. none |
| 47. | .<script language="javascript">  function x()  {  document.write(2+5+"8");  }  </script>   1. 15 b. 258 c. 78 d. error | 54. | How do you create a new object in JavaScript?   1. var obj = {}; 2. var obj = Object(); 3. var obj=new Object(); 4. None |
| 48. | How to assign a function to a variable with the JavaScript Function constructor?  a. var f=Function("x","y","return x+y");  b. var f=Function(x,y){ return x+y;}  c.  var f= new Function("x", "y", "return x + y");  d. None | 55. | How do substring() and substr() differ?  a. One is not a method of the String object.  b. substr() takes three arguments, substring() only two.  c. Only one accepts a desired string length as an argument.  d. Besides the spelling, nothing. |
| 49. | Which method returns current time in milliseconds?  a. setTime()    b. getTime()  c. Time() d. None | 56. | In Javascript, Which of the following method is used to find out the character at a position in a string?  a. charAt() b.  CharacterAt()  c.  CharPos() d. characAt() |
| 57. | JavaScript RegExp Object has modifier 'i' to \_\_\_\_?  a. Perform case-sensitive matching  b. Perform case-insensitive matching  c. Perform both case-sensitive&case-insensitive matching  d. None of the above | 64. | How do you write a conditional statement for executing some code if "i" is NOT equal to 5?  a. if (i <> 5)  b. if =! 5 then  c. if (i != 5)  d. if (i===5) |
| 58. | How do you round the number 7.25, to the nearest integer?  a. round(7.25) b.   math.rnd(7.25  c. rnd(7.25) d.   math.round(7.25) | 65. | How do you find the number with the highest value of x and y?  a. ceil(x,y) b. math.max(x,y)  c. top(x,y) d. math.ceil(x,y) |
| 59. | var myarr =new Array (1,4,3,6,2)  myarr.sort();  document.write(myarr.reverse())  What will be the output?  a. 1,4,3,6,2 b. 1,2,3,4,6  c. .6,4,3,2,1 d. 1,2,3,5,4 | 66. | var temp=5;  document.write(temp++);  document.write(++temp);  What is the output?  a. 57 b.   55 c.  56 d. None |
| 60. | In the do ... while statement the condition is checked  a. at the beginning of a statement  b. at the end of a statement  c. at the middle of a statement  d. both a and b are true | 67. | '===' operator is used for which purpose?  a. Equality of value  b. Equality of type  c. Both a and b are true  d. None of the above |
| 61. | var i=1, j=10;  do{  if(i++>--j)  {  continue;  }  while(i<5);  }  document.write("i="+i+"and j="+j);  What is the result?  a. i=6 and j=5 b.   i=5 and j=5  c.  i=6 and j=6 d.   i=5 and j=6 | 68. | var a=2;  switch(a)  {  case:1 document.write("Jan");  break;  case:2 document.write("Feb");  defualt:  case:1 document.write("out of range");  What will be the output?  a. Jan b.   Feb c. out of range d.  error |
| 62. | Function parameter are also referred as \_\_\_\_\_\_?  a. Index b. Argument c. String d. None | 69. | What does the break statement do?  a. exit from form b.  starts the loop over  c. escape the loop entirely d. None |
| 63. | var a='idb';  var b=a.toUpperCase();  b.concat('Scholarship');  document.write(b);  What will be the output?  a.IDB b. idb Scholarship  c. Scholarship d. IDB Scholarship | 70. | The syntax of the charAt()method is.........?  a. charAt(string index position ending index position)  b.  charAt(string index position e)  c.  charAt( ending index position)  d.  All |
| 71. | var i=5;  while(true)  {  document.write("dhaka");  break;  }  What is the result?  a. Error b.  infinitive loop  c. print dhaka only once d.  None | 78. | var i=0;  while(true)  {  if(i==4)  {  break;  }  --i;  }  document.write("i="+i);   1. Infinite loop/error b. 4 c. 5 d. 6 |
| 72. | Which loop is appropriate to pull information from objects?  a. for loop b. while loop c. for/in loop d. none | 79. | By preloading image you can place image in –  a. html document c. browser cache  c. both a and b d. none |
| 73. | var str = new String(“Hypertext Markup Language”) ;  document.write(str.substring(5,9));  The output is –  a. Markup b. Language c. Hypertext d. text | 80. | Which of the following is not a argument of the window’s open() method?  a. url b. name c. attribute d. replace |
| 74. | Which of the following function return the character position of a string?  a. charAt() b. charCode() c. indexOf() d. substr() | 81. | How many properties the location object has?  a. 2 b. 4 c. 6 d. 8 |
| 75. | concat() method is a –  a. Tag method b. Action method  c. RegExp method d. none | 82. | What is/are the cross-browser methods of the history object?  a. reload() b. back() c. go() d. replace() |
| 76. | var s = “IT Sholarship Poject Round 10”;  var s2=split(/Scholaship Project/i);  document.write(s2[1]);  The output is –  a. IT Schoarship b. Round 10 c. IT d. none | 83. | To set value ‘hello’ in the 3rd element of a 2nd form which of the following statement is correct?  a. document.forms[0].elements[2].value = ‘hello’;  b. document.form[1].elements[2].value = ‘hello’;  c. document.forms[1].element[1].value = ‘hello’;  d. document.forms[1].elements[2].value = ‘hello’; |
| 77. | The primary document of DOM is –  a. HTML page b. Document Object  c. Javascript code c. none | 84. | To load a new URL?  a. document.url b.  window.location  c.  window.history d   b and c |