



P.E.S. College of Engineering, Mandya

(An Autonomous Institution affiliated to VTU, Belagavi)

Department of Electronics and Communication Engineering

5th Semester

Java & Web Technologies (P18EC593)

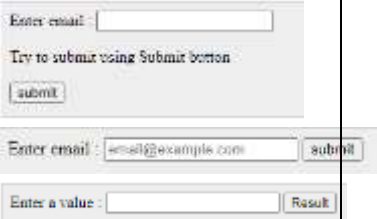



Scheme & Solution

25 x 2M = 50Marks

| Q. No. | Questions | Options | Correct Answer |
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| 1 | Which of the following is not a Java features? | a) Dynamic b) Architecture Neutral c) Use of pointers d) Object-oriented | C |
| 2 | Predict the output of following Java program <pre>class Main { public static void main(String args[]) { try { throw 10; } catch(int e) { System.out.println("Got the Exception " + e); } } }</pre> | a) Got the Exception 10 b) Got the Exception 0 c) Compiler Error d) None of these | C |
| 3 | What will be the output of the following program? <pre>public class Test2 { public static void main(String[] args) { StringBuffer s1 = new StringBuffer("Entertainment"); s1.setCharAt(1,'i'); s1.setCharAt(7,'d'); s1.setCharAt(12,'m'); System.out.println(s1); } }</pre> | a) Eitertdinmenmt b) Eitertaidnmenmt c) Eitertadnmenm d) Entertadnmenmt | C |
| 4 | The types of access specifiers for classes available in java are: | a) Public, Special, Default & Private b) Public, Protected, Default & Double c) Public, Protected, Secure & Private d) Public, Protected, Default & Private | D |
| 5 | Which of the following is/are true about constructors in | a) Only I | D |

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| | <p>Java?</p> <p>I. Constructor name should be same as class name. II. If you don't define a constructor for a class, a default parameter less constructor is automatically created by the compiler. III. The default constructor calls super() and initializes all instance variables to default value like 0, null. IV. If we want to parent class constructor, it must be called in first line of constructor.</p> | <p>b) Only I & II c) Only I, II & IV d) All the statements are true.</p> | |
| 6 | Where can you put the JavaScript code in HTML. | <p>a) Between the body tag of html b) Between the head tag of html c) In .js file (external javaScript) d) All of the above.</p> | D |
| 7 | What is the HTML tag under which one can write the JavaScript code? | <p>a) <javascript> b) <scripted> c) <script> d) <js></p> | C |
| 8 | What can JavaScript do with respect HTML? | <p>a) JavaScript can change HTML content b) JavaScript can change HTML attributes c) JavaScript can change CSS style d) All of the above</p> | D |
| 9 | What is the correct syntax for referring to an external script called "pesce.js"? | <p>a) <script src="pesce.js"> b) <script src href="pesce.js"> c) <script src ref="pesce.js"> d) <script name="pesce.js"></p> | A |
| 10 | <p>Predict the output of the following JavaScript code:</p> <pre><script type="text/javascript"> a = 8 + "8"; document.write(a); </script></pre> | <p>a) Compilation Error b) 88 c) 16 d) Run Time Error</p> | B |
| 11 | Which of the following attribute triggers event when an element is invalid, in HTML? | <p>a) onhaschange b) oninput c) oninvalid d) onvalidate</p> | C |
| 12 | Which among the following is correct HTML code for making a checkbox? | <p>a) <checkbox> b) <input type="checkbox"></p> | B |

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| | <p>(A) <checkbox></p> <p>(B) <input type="checkbox"></p> <p>(C) <check></p> <p>(D) <input type="check"></p> | <p>c) <check></p> <p>d) <input type="check"></p> | |
| 13 | Which of the following attributes sets an element as an item of microdata? | <p>a) itemprop</p> <p>b) itemscope</p> <p>c) itemref</p> <p>d) itemtype</p> | B |
| 14 | What is the correct HTML tag for inserting a background music? | <p>a) <bgsound src = "/ background.mp3"/></p> <p>b) <bgsound = "/ background.mp3"/></p> <p>c) <backgroundsound src = "/ background.mp3"/></p> <p>d) None of these</p> | A |
| 15 | Which of the following is true, with respect to a HTML page? | <p>a) Extensive use of Flash is bad from usability point of view</p> <p>b) Design should be free from clutter</p> <p>c) Looks are more important than Usability</p> <p>d) a & b</p> | D |
| 16 | How does PHP work | <p>a) The PHP code is compiled on the server and sent to the client as an executable</p> <p>b) The PHP code is compiled on the server and sent to the client as HTML</p> <p>c) The server invokes a PHP processor to interpret PHP code</p> <p>d) It doesn't work in any of these ways.</p> | C |
| 17 | <p>Which of the following statements are TRUE about an SQL query?</p> <p>P : An SQL query can contain a HAVING clause even if it does not have a GROUP BY clause</p> <p>Q : An SQL query can contain a HAVING clause only if it has a GROUP BY clause</p> <p>R : All attributes used in the GROUP BY clause must appear in the SELECT clause</p> | <p>a) P and R</p> <p>b) P and S</p> <p>c) Q and R</p> <p>d) Q and S</p> | B |

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| | S : Not all attributes used in the GROUP BY clause need to appear in the SELECT clause | | |
| 18 | What are the uses of PHP ? | <ul style="list-style-type: none"> a) It is a server-side scripting language used to design dynamic websites or web applications. b) It can work with databases, sessions, send and receive cookies, send emails, etc. c) It can be used to set the restriction to the user to access the web page. d) All of the Above | D |
| 19 | How does the Start and Finish of a PHP block of code is handled? | <ul style="list-style-type: none"> a) Start: ?php and ends with ? Block: ?php [--Content of PHP code--] ?> b) Start: <?php and ends with ?> Block: <?php [--Content of PHP code-] !> c) Start: <!php and ends with !> Block: <?php [--Content of PHP code-] ?> d) None of these | D |
| 20 | What are the different types of loop supported in PHP ? PHP supports four different types of loop which are listed below: | <ul style="list-style-type: none"> a) for loop b) do-while loop c) foreach loop d) All of the above | D |
| 21 | What is the output of the following HTML program? <pre> <html> <body> <form action = "/cgi-bin/html5.cgi" method = "get"> Enter email : <input type = "text" name = "newinput" required/> <p>Try to submit using Submit button</p> <input type = "submit" value = "submit" /> </form> </body> </html> </pre> |  <ul style="list-style-type: none"> a)  b)  c)  d) None of these. | A |
| 22 | What will be the output of the following program? <pre> public class Test { </pre> | <ul style="list-style-type: none"> a) 15 times *** b) 8 times *** and 7 times | B |

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| | <pre>public static void main(String[] args) { int count = 1; while (count <= 15) { System.out.println(count % 2 == 1 ? "***" : "+++++"); ++count; } // end while } // end main }</pre> | <p>+++++</p> <p>c) 15 times +++++</p> <p>d) Both will print only once</p> | |
| <p>23</p> | <p>The given program has few errors, Identify the number of errors, If the following program is written to obtain the output as: “8”</p> <pre>var grade='C'; var result; switch(grade) { case: A { Result is "10"; break; } case'B': { result+=" 9"; break; } case'C': { result+=" 8"; } default: result+=" 0"; } document.scan(result);</pre> | <p>e) NIL</p> <p>f) Four</p> <p>g) Six</p> <p>h) Five</p> | <p>B</p> |
| <p>24</p> | <p>Fill in the blank, declaring the script type:</p> <pre><html> <head> _____ function msg(){ alert("Hello Javatpoint"); } </script> </head> <body> <p>Welcome to JavaScript</p> <form> <input type="button" value="click" nclick="msg()"/></pre> | <p>a) <script_type="text/javas cript"></p> <p>b) <script type="javascript"></p> <p>c) <script type="htmlfile/javascript ></p> <p>d) <script="text/javascript" ></p> | <p>A</p> |

