EC 511 – Fall 2003  
George Mason University  

Assignment 5  

Student Name: __________________________________________________  

Mark your answer below and return only this answer sheet:

<table>
<thead>
<tr>
<th>Question Number</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td></td>
</tr>
</tbody>
</table>
1. The main function of markup languages is to
a) provide a graphical user interface to an application.
b) set the specifications for how text is to be displayed by a Web browser.
c) program applets to use over the Internet.
d) add dynamic content to a Web page.
e) to provide special formatting for multimedia content on a Web page.

2. In Web page development, scripting languages are used to
a) add functionality and interactivity to Web pages.
b) program applets to use over the Internet.
c) add procedures to an uncompiled Java program.
d) format static Web documents.
e) implement XML documents.

3. An executable program that is loaded on a Web server and executed by the browser is
a(n)
a) document
b) script
c) program
d) applet
e) XML script

4. All HTML files start and end with the tag set
a) <META>, </META>
b) <HTML>, </HTML>
c) <HEAD>, </HEAD>
d) <BODY>, /BODY>
e) <TITLE>, </TITLE>

5. The _______ tag set is used to describe the Web page and is what is displayed in the
browser list when the page is bookmarked.
a) <META>, </META>
b) <HTML>, </HTML>
c) <HEAD>, </HEAD>
d) <BODY>, /BODY>
e) <TITLE>, </TITLE>

6. The information between the ___________ tag set, such as style sheet information,
does not appear in the Web document.
a) <META>, </META>
b) <HTML>, </HTML>
c) <HEAD>, </HEAD>
d) <BODY>, /BODY>
e) <TITLE>, </TITLE>
7. Everything that you want to see on the Web page must be placed between the \_________ tag set.
   a) <META>, </META>
   b) <HTML>, </HTML>
   c) <HEAD>, </HEAD>
   d) <BODY>, </BODY>
   e) <TITLE>, </TITLE>

8. \_________ are often embedded in a regular application program and are used to convert an application document to a file that can be displayed as a Web page.
   a) compilers
   b) interpreters
   c) HTML editors
   d) DTD coders
   e) HTML assistants

9. Programs created specifically to code Web pages and used to individuals who are professional Web page developers are
   a) compilers
   b) interpreters
   c) HTML editors
   d) DTD coders
   e) HTML assistants

10. \_________ is a markup language from which other markup languages have been derived.
    a) HTML
    b) DHTML
    c) SGML
    d) XML
    e) SHTML

11. One of the limitations of \__________ is that the pages are static such that movement or actions of individual elements of the page are not possible.
    a) HTML
    b) DHTML
    c) SGML
    d) XML
    e) VRML
12. Dynamic HTML adds dynamic content to a Web page through the use of
___________.
a) animation  
b) XML  
c) tags  
d) style sheets  
e) attributes

13. Templates that define a hierarchy of styles that can be applied to each HTML tag are
___________.
a) meta documents  
b) cascading style sheets  
c) display attributes  
d) style templates  
e) document object models

14. ________ is used to dynamically position items on HTML pages, provide dynamic content, or to create events.
a) VRML  
b) XML  
c) JavaScript  
d) DTD  
e) SGML

15. A new feature of HTML version 4.0 is the use of ____________ to provide external definition of the document structure.
a) document type definitions  
b) display attributes  
c) cascading style sheets  
d) linked style sheets  
e) embedded style sheets

16. A model defining the interaction of all the elements used in dynamic HTML pages is called the _____________.
a) document type definition  
b) HTML display definition  
c) document object model  
d) linked style sheet  
e) meta document

17. ________ is a file format for creating three-dimensional environments on the Web.
a) HTML  
b) DHTML  
c) SGML  
d) XML  
e) VRML
18. The files created with VRML are called________
a) VRML Webs  
b) environs  
c) elements  
d) worlds  
e) types

19. When coding an XML document, the attribute values must be  
a) enclosed in quotation marks (" ").  
b) enclosed in single quotes (‘ ’).  
c) enclosed in angle brackets (<>).  
d) inside the tag itself.  
e) enclosed with curly braces ({ }).

20. The purpose for the development of ____________ is for it to become the  
global electronic commerce standard for computer-to-computer exchange as an easy-to-translate equivalent of EDI.  
a) XML  
b) XHTML  
c) ebXML  
d) vertical XML  
e) WML

21. A new markup language that is used to create Web pages for micro-browsers is  
a) XML  
b) XHTML  
c) ebXML  
d) vertical XML  
e) WML

22. A common scripting language that is currently used to add dynamic content to HTML  
Web pages in response to user actions is ____________.  
a) CGI  
b) Java  
c) VB  
d) JavaScript  
e) DHTML

23. A JavaScript routine must be coded within the _____________ tags of an HTML  
document.  
a) <SCRIPT>, </SCRIPT>  
b) <HTML>, </HTML>  
c) <HEAD>, </HEAD>  
d) <BODY>, </BODY>  
e) <CODE>, </CODE>