MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2015/2016

SECOND YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF BACHELOR OF SCIENCE, BACHELOR OF EDUCATION AND BACHELOR OF ARTS WITH INFORMATION TECHNOLOGY

CITY CAMPUS

UCI 201: THE INTERNET AND THE WWW

Date: 5th December, 2015   Time: 11.30 - 1.30 pm

INSTRUCTIONS:

- Answer ALL questions from SECTION A in the answer booklet.
- Answer any TWO questions from section B in the answer booklet provided.

SECTION A
ATTEMPT ALL QUESTIONS

1. Which attribute can be used with BODY tag to set background color green?
   a. background="green"   b. bgcolor="green"   c. vlink="green"   d. None of above

2. Which attribute you'll use with TD tag to merge two cells horizontally?
   a. merge=colspan2   b. rowspan=2   c. colspan=2   d. merge=row2

3. A webpage displays a picture. What tag was used to display that picture?
   a. picture   b. mage   c. img   d. src

4. <b> tag makes the enclosed text bold. What is other tag to make text bold?
   a. <strong>   b. <dar>   c. <black>   d. <emp>

5. Tags and test that are not directly displayed on the page are written in _____ section.
   a. <html>   b. <head>   c. <title>   d. <body>

6. Which tag inserts a line horizontally on your web page?
   a. <hr>   b. <line>   c. <line direction="horizontal">
   d. <tr>

7. What should be the first tag in any HTML document?
   a. <head>   b. <title>   c. <html>   d. <document>

8. Which tag allows you to add a row in a table?
   a. <td> and </td>   b. <cr> and </cr>   c. <th> and </th>   d. <tr> and </tr>

9. How can you make a bulleted list?
   a. <list>   b. <nl>   c.   d.

10. How can you make a numbered list?
    a. <dl>   b.   c. <list>   d.

11. How can you make an e-mail link?
    a.   b. <mail href="xxx@yyy">
    c. <mail>xxx@yyy</mail>   d.

12. What is the correct HTML for making a hyperlink?
    a. MCQ Sets Quiz
    b. MCQ Sets Quiz
    c. <http://mcqsets.com
    d. url="http://mcqsets.com">MCQ Sets Quiz

13. Choose the correct HTML tag to make a text italic
    a. <ii>   b. <italics>   c. <italic>   d. <i>

14. Choose the correct HTML tag to make a text bold?
    a. <b>   b. <bold>   c. <bb>   d. <bld>

15. What is the correct HTML for adding a background color?
    a. <body color="yellow">   b. <body bgcolor="yellow">
    c. <background>yellow</background>   d. <body background="yellow">

16. Choose the correct HTML tag for the smallest size heading?
    a. <heading>   b. <h6>   c. <h1>   d. <head>

17. How can you make a bulleted list?
    [A]<list>   [B] <nl>   [C]   [D]

18. How can you make a numbered list?
    [A] <dl>   [B]   [C] <list>   [D]

19. How can you make an e-mail link?
    [A]   [B] <mail href="xxx@yyy">   [C] <mail>xxx@yyy</mail>
    [D]

20. What is the correct HTML for making a hyperlink?
    [A] ICT Trends Quiz
    [B] ICT Trends Quiz
    [C] <http://mcqsets.com
    [D] url="http://mcqsets.com">ICT Trends Quiz

21. Choose the correct HTML tag to make a text italic
    [A] <ii>   [B] <italics>   [C] <italic>   [D] <i>

22. Choose the correct HTML tag to make a text bold?
    [A] <b>   [B] <bold>   [C] <bb>   [D] <bld>

23. What is the correct HTML for adding a background color?
    [A] <body color="yellow">   [B] <body bgcolor="yellow">
    [C] <background>yellow</background>   [D] <body background="yellow">

24. Choose the correct HTML tag for the smallest size heading?
    [A] <heading>   [B] <h6>   [C] <h1>   [D] <head>

25. To create a blank line in your web page
    a. press Enter two times   b. press Shift + Enter   c. insert <BR> tag   d. insert <BLINE>

26. Which of the following is not a style tag?
    a. <b>   b. <tt>   c. <i>   d. All of above are style tags

27. Which of the following HTML code is valid?
    a. <font colour="red">   b. <font color="red">
    c. <red><font>   d. All of above are style tags

28. Which of the following is an attribute related to font tag?
    a. size   b. face   c. color   d. All of above are style tags

29. HTML supports
    a. ordered lists   b. unordered lists c. both type of lists   d. does not support those types

30. A homepage is _____
    a. an index of encyclopedia articles   b. where all Internet data is stored
    c. required for access to the Internet   d. the first page of a website

a) Explain the steps followed in creating a simple HTML document (5 marks)
b) Explain the general layout HTML documents. (5 Marks)

c) Using examples, Explain various HTML list tags. (10 Marks)

QUESTION 3

a) Define the following terms associated with internet connections.
   i. Always on (2 Marks)
   ii. Bandwidth (2Marks)
   iii. Digital signals (2 Marks)
   iv. Internet service provider (ISP) (2 Marks).
   v. Broadband (2 Marks)
b) With examples, explain the four requirements for connecting to the internet? (8 Marks)
c) Why is an optic fiber connection not classified at cabled (wired) connection? (2 Marks)

QUESTION 4

a) Give the output of the following HTML code. (5 marks)

```
<body>
<h1>The Great American Novel</h1>
<ol>
<li>Introduction</li>
<li>Development</li>
<li>Climax</li>
<li>Denouement</li>
<li>Epilogue</li>
</ol>
</body>
```

b) Explain HTML backgrounds (5 Marks)

c) With examples, explain the three HTML Color Coding Methods in existence today. (10 marks)

QUESTION 5

a) What is HTML? (3 marks)

b) Give the difference between HTML elements and tags? (2 Marks)

c) Explain the function of the following tags in text formatting (10 Marks)
   i. <b>
   ii. <em>
   iii. <i>
   iv. <small>
   v. <strong>
   vi. <sub>
   vii. <sup>
   viii. <ins>
   ix. <del>
   x. <mark>

d) What is the difference between <div> and <frame>? (5 Marks)