Sample Paper– 2014
Class – X
Subject – Foundation of Information Technology

Time – 3 HOURS

SECTION – A

1. Fill in the blanks:-   1X10=10

a……………tag helps to display a text message instead of an image with IMG tag.

b. The <Table>tag, uses………………tag for table rows.

c. The person who breaks into someone else's computer system, often on a network, bypasses passwords in computer programs called…………………..

d. The address referenced by ……………..attribute within the anchor tag needs to be an absolute URL.

e. The Utility programs which take action against viruses is called…………………..

f. The tag……………….is used to create superscripts and ……………tag is used to create subscripts on web page.

g. The default colour of a hyperlink on a web page is ……………

h. …………..is a network of networks.

i. The most common form of spam or virus is unwanted……………..

2. State True or False:-   1x10=10
a. The colour of the hyperlinks in an HTML document cannot be changed.

b. The <A> tag is called the align tag.

c. HTML is case sensitive.

d. It is not necessary to regularly take back-up of important files.

e. SRC is an attribute of IMG tag.

f. The element nested other element is called as child element.

g. XML stands for Extensive Markup Language.

h. The default colouring of VLINK attribute is purple(#400040).

i. The <Caption> tag has one attribute.

j. The Antivirus software should be updated regularly to retain its effectiveness.

3. Name one specific software/tool for each of the following:-   1x5=5
a. Antivirus Software   b. Search Engine

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c. ISPs   d. Text Editor to create HTML pages

e. Web Browser

4. Answer the following questions:-

a. Your father is a business holder who does his business through Internet. He manages his transaction through e-commerce technology. Today, a lots of security threats are procuring over Internet. State few points that how can he minimize the security threats over e-commerce?   2

b. Differentiate **any two** of the following :-   1½ x2=3

i) HTML and XML   ii) <TR> and <TD>   iii) <HR> and

c. Explain all attributes of *List tag*.(with syntaxes)   2

d. Write actions of the following buttons: 2
i) Back   ii) Refresh
e. Define Primary key .   1½
f. What do you understand by DBMS?   2
g. Define Video Conferencing.   1½

5. Read the following paragraph and design a page as given below:-   10

    You are studying in class-X with six subjects like English, Hindi, Mathematics, Science, Social Study and Computer. You are asked to create a marksheet report for individuals in the following manner:

Semon Sen, Class-X,Section-A

Subjects	*SA I*	*SA II*
English	76	76
Hindi	70	66
Mathematics	88	81
Science	84	77
Social Science	79	86
Computer Science	89	71

Identify 10 tags (structural as well as formatting) that have been utilized in creating this webpage and define about each tag with syntax.

5. Draw the XML tree for code given below:-   5
```
<BANK>
      <ACCOUNT>
            <SAVING>
                  <MANAGER>Mr. Ratan Rao</MANAGER>
                  <CLERK>Mr. Sandhu Sinha</CLERK>
            </SAVING>
            <CURRENT>
```

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                                                                                                                       `<MANAGER>Mrs. Reeta Kour</MANAGER>`

                                  `<CLERK>Mr. Amit Nag</CLERK>`

                        `</CURRENT>`

                `</ACCOUNT>`

`</BANK>`

6. Write the HTML code to generate the following output:-   10

Note the following points while generating the web page:-

i) **Title** of the page should be "Dubai Tourism"

ii) The heading text "Welcome to DUBAI" is in Arial font and is **maroon** color.

iii)The horizontal lines below heading are 8 pixels thick and of blue color.

iv) Image used in the page is dmps.jpg.

 v) The bulleted list contains links as specified below:

   - the text Morning is a link to the "morning.html"

   - the text Evening is a link to the web page "evening.html"

SECTION – B

7. Choose the correct option :-   1x16=16

i)Which of the following is an attribute of <Table> tag?

a) SRC   b) LINK

c) CELLPADDING   d) BOLD

ii) Which is the correct HTML tag for the largest heading?

a) H1   b) H2

c) H4   d) H6

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iii) Which tag is used to make the text bold?
a) <B>   b) <Bold>
c) <Strong>   d) Both a) and c)

iv) The symbol used at the beginning of the HREF text is
a) #   b) $
c) &   d) ^

v) Data recovering means
a) Transfer of data   b) Storage of data
c) Getting back the lost and inaccessible data   d) Getting back the storage device

vi) Suppose you want to display the chemical formula H_2SO_4 then which formatting tag you need
   to use for 2 and 4?
a) Pre   b) Sub
c) Sup   d) Strike

vii) According W3C standard, HTML inserts images like
a) JPGE   b) PNG
c) GIF   d) All of these

viii) What is the correct HTML tag for creating Hyperlink?
a) <a>http://www.w3schools.com
b) W3Schools.com
c) W3Schools.com
d) W3Schools.com

ix) McAfee is a(n)
a) Virus   b) Anti virus
c) Application Program   d) Operating System

x) The attribute used to set the border color of a table is
a) BORDER   b) BORDERCOLOR
c) COLOR   d) BORDER COLOR

xi) Two common attributes of the <IMG> and the <TABLE> tag are:
a) SRC and HEIGHT   b) HEIGHT and WIDTH
c) BORDER and SRC   d) None of these

xii) An independent computer program that copies itself from one computer to other in a
network is called:
a) Worm   b) Trojan
c) Bug   d) Anti Virus
xiii) Which statement is true?

a) An XML document can have one root element
b) An XML document can have one child element
c) XML elements have to be in lower case   d) All of the above

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xiv) Out of the following, which one will be altered or modified by a computer virus?
a) Operating System   b) Speed of Network Connectivity
c) Application Software   d) All of the above
xv) VIRUS stands for
a) Vital Information Resource Under Seize   b) Virtual Information Resource Under Seize
c) Vital Impact Resource Under Seize   d) None of these
xvi) The XML document is like a
a) Flat Structure   b) Inverted tree Structure
c) Tree Structure   d) None of these

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