Roll No.: | | | | |

D I V I N E E D U C A T I O N A L I N S T I T U T E

FOUNDATION OF INFORMATION TECHNOLOGY (CODE: 165)

CLASS : X (SUMMATIVE ASSESSMENMT II)

Duration: 3 Hours **Max. Marks: 80**

Note: 1) Attempting all the questions is necessary.
2) There are two sections in this set. In section 'A' every questions carries the marks as directed and in section 'B' each question carries 1 mark.

SECTION – 'A'

Q1. State True and False: **[10]**

1.1 The <br> tag is used to a horizontal line on web browser.

1.2 Explicit tags are also called.

1.3 Changing of style is not possible in heading styles.

1.4 The CELLSPACING attribute tells the browser how much space to include between the walls of the table.

1.5 The CAPTION tag has one attribute.

1.6 The <PRE> tag and <P> can contain hyperlink.

1.7 XML documents must have a root element.

1.8 XML is a text-based markup language.

1.9 A computer worm is a program which copies itself across a network.

1.10 Malware is a generic term of good software.

Q2. Fill the appropriate word in the blank: **[10]**

2.1 To give the proper space to data from the wall of the cells we use _____ attribute.

2.2 HTML tags are created by combining special markup codes called _____.

2.3 _____ is used to align the data vertically within cells.

2.4 To create a Directory, start with _____ tag.

2.5 The _____ attribute defines the width of border surrounding the table.

2.6 XML is a _____ for documents containing structured information.

2.7 The _____ element does not contain any content, but it can contain attributes.

2.8 _____ alter or replace the boot sector of bootable devices.

2.9 The most common form of spam is unwanted _____.

2.10 In HTML tags that include both an On and an Off tag are called _____ tags.

Q3. Carefully study the Webpage given below. Identify any 10 tags that have been utilized in creating this webpage for each tag specify whether it is a structural tag or formatting tag and write the usage of each of them. [15]

The main IT cities of India are known as **Silicon City**. India stands on 1st position in hardware. There are many cities known as Cilicon City and in 2012 recognized cities are listed below-

Top 5 Silicon Cities are of 2012

1. Bengluru
2. Chandigarh
3. Ahemdabad
4. Noida
5. Hydrabad

Click Here for more informaton.



Q4. Answer the following questions:

4.1 What is the Document Type Declaration in XML? **[2]**

4.2 Differentiate between Well Formed XML Document and XML Validation. **[2]**

4.3 Name the two specific tools/software for each of the following category: **[2]**

(a) Backup Tool

(b) Recovery Tool

4.4 Differentiate between Hackers and Crackers? Which one is more dangerous? **[2]**

4.5 Mr. Misra works in an IT company where he needs to backup his data regularly around 800 MB to 1 GB at the end of the daybook. Each day backup need to archive separately for future reference, suggest any two economic device for regular backup. **[1]**

Q5. Do as directed:

5.1 Write the HTML code to generate the following output of a Table with the content exactly in the same format as shown within the Table: [5]

Roll No. of Student	Name of student	DOB and Age		Address
10001	Abhishek Sharma	1-11-1997	14 yrs.	B-14, Palika Street, Lucknow

5.2 Draw the XML Tree Structure for the code given bellow – [5]

```
<Movie>
    <bollywood>
        <fiction>Robot</fiction>
        <horrible> 1920</horrible>
        <comedy>Hera Pheri</comedy>
    </bollywood>
    <hollywood>
        <fiction>Knowing</fiction>
        <horrible> A Nightmare</horrible>
        <action>Fast Five </action>
    </hollywood>

</Movie>
```

Q6. Write the HTML code for generating the following web page (instructions are given bellow): [10]



Divine Educational Institute

S.D.M. Colony, Sikandrabad (BSR) 203205.

Message: Our organization *Divine Educational Institute* is going to organize Sports day on 10 Nov. 2012. All the athletes will be selected by their House Teachers or House In charge. Qualifying round will be held on 31st Dec.2012 and only the qualified athletes will be forwarded for final round on 10 Nov. 2012. For participating in these events participants submit their name to their House In charge.

The list of events is given below:

A. Race
B. Relay Race
C. Long Jump
D. Shot Put

For more detail look on the following table:

SPORTS DAY

Events for Sports Day	
For Girls	For boys
Race 100 m.	Race 100 m.
Race 200 m.	Race 200 m.
Race 400 m.	Race 400 m.
-	Race 800 m.
-	Shot Put

Long jump and Relay Race for both girls and boys. For further detail plz Contact Usor go on www.dei.edu.in

Note the following instructions for generating the Webpage-

- Title of the page is “DEI”.
- Headings of the page is Green and background color of page is Gray.
- Color of Horizontal Line is White.
- Link, Alink and Vlink color respectively are yellow, green and red.
- Logo used is “dei.png”.
- Caption color is Red and Table border is White.
- The E-mail Id for Contact Us is “abc@xyz.com”.

SECTION – 'B'

Q7. Multiple choice questions (Choose most appropriate option): [16]

7.1 Which tag tells the browser where the page starts and stops?

a) <head>
b) <html>
c) <body>
d) <title>

7.2 What is the correct HTML for adding a background color?

a) <body style="background-color:yellow">
b) <body background="yellow">
c) <background>Yellow</background>
d) <body bgcolor="yellow">

7.3 HTML tags are recognized by:

a) <!
b) <= =>
c) < >
d) !=

7.4 Where do you place the Title tag?

a) body
b) head
c) img
d) none of the above

7.5 The <br> tag is used to

a) line break
b) long break
c) little bubbles
d) none of the aboves

7.6 To start a numbered list with regular numerals, use

a) <ol type="a">
b) <ol type="1">
c) <ol type="I">
d) none of the above

7.7 To start a list at the count of 3, use

a) <ol list="3">
b) <ol type="3">
c) <ol begin="3">
d) <ol start="3">

7.8 What is the correct HTML for inserting an image?

a) <mg href="image.jpg">
b) <image>image.jpg</image>
c) <img src="image.jpg">
d) <img tag="image.jpg">

7.9 The main container for <tr>, <td> and <th> is

a) <body>
b) <head>
c) <table>
d) <html>

7.10 Which tag is used to add columns to tables?

a) <tr>
b) <td>
c) <colspan>
d) <rowspan>

7.11 Is it possible to link within the current page?

a) yes
b) never
c) only in two sections
d) none of the above

7.12 Trojan Horse is a-

a) virus
b) malware
c) worm
d) spyware

7.13 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

7.14 A secured data in non readable form is called-

a) encrypted data
b) decrypted data
c) authorized data
d) none of the above

7.15 Which statement is true-

a) XML document must have a root tag.
b) XML tags are case sensitive
c) XML elements must be properly nested
d) all the statements are true

7.16 a) <?xml version="1.0"/>
b) <xml version="1.0/>
c) <?xml version="1.0"?>
d) none of the above

Prescribed BY: Anoop Kumar Tiwari
H.O.D. and Lab-in-Charge
Divine Educational Institute, Sikandrabad.
Distt- Bulandshahr (UP)203205