Roll No. ☐☐☐☐☐☐☐

Candidates must write the Code on the title page of the answer-book.

- Please check that this question paper contains **8** printed pages.
- Code number given on the right hand side of the question paper should be written on the title page of the answer-book by the candidate.
- Please check that this question paper contains **6** questions.
- **Please write down the Serial Number of the question before attempting it.**
- 15 minutes time has been allotted to read this question paper. The question paper will be distributed at 10.15 a.m. From 10.15 a.m. to 10.30 a.m., the students will read the question paper only and will not write any answer on the answer script during this period.

SUMMATIVE ASSESSMENT-II
FOUNDATION OF INFORMATION TECHNOLOGY

Time allowed : 3 hours]   *[Maximum marks : 90*

SECTION - A

1. Fill in the blanks :   10

    (a)   TR tag can only be present inside _____ tag.

    (b)   _____ is a word or image that when clicked takes us to another web page.

    (c)   _____ tag is used to create inline images.

    (d)   _____ attribute is used to define the thickness of horizontal rule.

    (e)   _____ tag is used to insert a line break on a web page.

    (f)   _____ is used to describe data and _____ is used to display web pages.

    (g)   Any crime committed using computers and internet is termed as _____ .

[P.T.O.

(h) _____ is a type of malware that is installed on a user's computer and collects information about users without their consent and knowledge.

(i) A _____ is a technical person who breaks through the system's security with malicious intentions.

(j) We need a _____ to create and edit an XML document.

10

2. State True or False :

(a) HREF stands for Hyper Reference.

(b) We can put a border around an image by using cellpadding attribute.

(c) There must be only one <title> tag in an HTML document.

(d) Almost all the browsers support HTML.

(e) XML is widely used for storing data.

(f) Rowspan attribute is used to make a cell span multiple columns.

(g) In XML every opening tag may not have a closing tag.

(h) Always scan the storage media before connecting it to your computer.

(i) Spam is an unsolicited mail sent in bulk.

(j) Extension of an XML file is .html.

3. Answer the following questions :

(a) What does an anti-virus software do ? Explain in brief any two points.   2

(b) Write two advantages of online backup.   2

(c) Write the HTML code to display an inline image named pencil.jpg located at c:\ in the center of your web page.   2

53/1   2

(d)   Write the full forms of :
        (i) <SUP> (ii) <A> (iii) <IMG> (iv) <P>   2

(e)   Write the HTML code to send an email to abc@xyz.com from your
        web page.   2

(f)   Name the attributes of <A> tag which are used for internal linking in
        a web page.   2

4. Answer the following questions :

(a)   Draw the XML tree for the code given below :   5

        <bookstore>
            <book>
                <title>ABC of computers</title>
                <author>A. Gandhi</author>
                <year>2005</year>
                <price>29.99</price>
            </book>
            <book>
                <title>Learning XML</title>
                <author>Erik T. Ray</author>
                <year>2003</year>
                <price>39.95</price>
            </book>
        </bookstore>

(b)   Observe the following table and write the HTML code to generate
        it :   5

Period 1	Period 2
Math	Science
English	SSt
Science	SSt

(c)   (i)   What is the meaning of backup ?   1

        (ii)   Name 2 storage media on which data backup may be taken.   2

(iii)   Why should we frequently take backup of our data ?   2

(d)   Write names of two attributes each for the following tags :   5
   (i)   <HR>
   (ii)   <Body>
   (iii) <Img>
   (iv)   <Table>
   (v)   <A>

5.   Do as directed :

(a)   Observe the following web page and write HTML code to generate it.

                                                                               10

National e-Governance Plan

The National e-Governance Plan of Indian Government seeks to lay the foundation and provide the impetus for long-term growth of e-Governance within the country. The plan seeks to create the right governance and institutional mechanisms, set up the core infrastructure and policies and implement a number of Mission Mode Projects at the center, state and integrated service levels to create a citizen-centric and business-centric environment for governance.

Visit National e-Governance Plan to know more about :

1. Central MMP's
2. Implementation
3. Components

For enquires Mail to us

Note the following points while generating the web page :

- Background colour of page is yellow
- Link colour is black and visited link colour is green
- Font style for the page is arial
- Heading of the page is maroon
- Image used is gov.jpeg
- Text colour of the paragraph is red
- Link for 'National e-Governance Plan' is nation.html
- email id for bottom message is abc@xyz.com
- Title of the web page is "Plan".

(b) Write two points of difference between XML and HTML. What is meant by a well formed XML document (Write two points) ? Write the code to create an XML document with following data :

10

Destination	Cost	No_of_days	Mode_of_trans
Singapore	200000	8	Aeroplane
Shimla	10000	4	Bus

SECTION - B

6. Multiple choice questions (Choose most appropriate option) :

18

(i) A category of software that spies on your computer activities is :

(a) De-ware

(b) Spyware

(c) Utilities

(d) Freeware

(ii) Why is it important to specify width and height attribute in <IMG> tag ?

(a) To ensure that image is not copied

(b) The image will not render without these

(c) To stop the image from loading

(d) Helps the browser to load the web page faster

(iii) Which of the following is not an attribute of <Table> tag ?

(a) Border

(b) Background

(c) Bgcolor

(d) Src

(iv) Which sequence of HTML tags is correct ?

(a) <html><head><title></</title></head><body></body></html>

(b) <html><head></head><body><title></</title></body></html>

(c) <html><head><title></</title><body></body></head></html>

(d) <html><title></</title><head></head><body></body></html>

(v)   Which command should we use to link a page with an HTML page ?

(a)

(b)   page

(c)

(d)

(vi)   To display $(X + Y)^2$, correct HTML code is :

(a)   _{(X+Y) 2}

(b)   X + Y ²

(c)   (X + Y) ²

(d)   ^{(X+Y) 2}

(vii) When creating a Web document, which unit is used to express an image's height and width ?

(a)   Centimeters

(b)   Pixels

(c)   Dots per inch

(d)   Inches

(viii) Among services available on the World Wide Web are :

(i)   E-mail

(ii)   XML

(iii) HTML

(iv)   Video conferencing

(a)   (i) and (ii)

(b)   (ii) and (iii)

(c)   (iii) and (iv)

(d)   (i) and (iv)

(ix) The tag used in HTML to link a web page with other web page is :

    (a)   <A>

    (b)   <H>

    (c)   <U>

    (d)   <L>

(x) HTML and XML are :

    (a)   Markup languages

    (b)   Programming languages

    (c)   System software

    (d)   Utilities

(xi) XML uses :

    (a)   user defined tags

    (b)   pre-defined tags

    (c)   both predefined and user defined tags

    (d)   extended tags used in HTML

(xii) XML was **not** designed to :

    (a)   Display web pages

    (b)   Store data

    (c)   Carry data

    (d)   Both (b) and (c)

(xiii) SRC attribute used with <IMG> tag stands for :

    (a)   Screen

    (b)   Screen Resolution Count

    (c)   Source

    (d)   Structure

(xiv) Which of the following is not a valid value for Align Attribute of <IMG> tag ?

    (a)   top

    (b)   center

    (c)   bottom

    (d)   middle

(xv) We can create a numbered list using _____ tag.

    (a)

    (b)   <list>

    (c)

    (d)   <dl>

(xvi) colspan = n can be added to _____ tag :

    (a)   <hr>

    (b)   <table>

    (c)   <td>

    (d)   <tr>

(xvii) Which is not a source of computer virus ?

    (a)   Email attachments

    (b)   Pen drives

    (c)   Typing through keyboard

    (d)   Downloading files

(xviii) Which one of the following is not malware ?

    (a)   Computer virus

    (b)   Trojan horse

    (c)   Worm

    (d)   Operating system