Series BRH

Code No. **53**

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 **7** 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 : 80*

SECTION A

1. Fill in the blanks : *10*

(i) _____ is used to describe data and _____ is used to display data.

(ii) _____ can decrease the space on hard disks by duplicating files.

(iii) _____ are programs that run independently and travel from computer to computer across network.

(iv) _____ is a software which is designed to prevent, scan and remove the known computer viruses.

(v) Digital code attached to a message that uniquely identifies the message is called _____ .

(vi) _____ backup saves your data from natural disasters.

(vii) To insert a table on a web page we use _____ tag.

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

(ix) _____ attribute is used to span two or more columns in a table.

2. State *True* or *False* : *10*

(i) Cellpadding is an attribute of < table > tag.

(ii) XML is a platform independent language.

(iii) A valid XML document that follows all grammar rules is Well-formed document.

(iv) XML is Extensible Meta Language.

(v) A worm is a self replicating program which eats up the entire disk space.

(vi) A copy of data that can be used to restore and recover the data is called backup.

(vii) No value is specified with alt attribute of < img > tag.

(viii) Border is an attribute of < A > tag.

(ix) It is not possible to create link within current document.

(x) Unordered list type creates a bulleted list.

3. Carefully study the webpage given below. Identify 10 tags (structural as well as formatting tags) that have been utilized in creating this webpage and write the usage of each of them. *15*

Save Tiger - Microsoft Internet Explorer

File Edit View Favorites Tools Help

SAVE TIGER

Collect information for

- Addressing issues
- State wise agenda
- What can i do
- Join the roar

Your Role

1	Speak Up
2	Lead the Change
3	Donate
4	Be informed

For further enquiries Contact Us

4. Answer the following questions :

(i) Ritika downloaded some attachments from internet onto her computer. When she opened those attachments she found multiple copies of same file opened. Also after some time her system started rebooting itself.

What do you think has happened to her files and to her computer ? And what is the precaution for this to prevent it in future ? *2*

(ii) List two advantages of online backup. *2*

(iii) Give one word answers : *5*

(a) Another name for junk mails.

(b) It is doing business online.

(c) It is the crime committed using computers and internet.

(d) The programmer that breaks into secure systems with non-malicious intentions.

(e) Type of malware that is installed on user's computer and collects information about user without his consent.

5. Do as directed :

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

```
<ShoppingMall>
    <FirstFloor>
        <foodshop>2</foodshop>
        <Toyshop>2</Toyshop>
    </FirstFloor>
    <SecondFloor>
        <foodshop>1</foodshop>
        <Toyshop>2</Toyshop>
    </SecondFloor>
</ShoppingMall>
```

(ii) 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*

Shopping Mall			
Floor	No. of Toy Shops	No. of Food Shops	No. of Sports Shops

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

ecommerce - Microsoft Internet Explorer

File Edit View Favorites Tools Help

eCommerce

Ecommerce (e-commerce) or electronic commerce, a subset of ebusiness, is the purchasing, and exchanging of goods and services over computer networks (such as the Internet) through which transactions or terms of sale are performed electronically

eCommerce requirements

shopping cart	Merchant account
Processing gateway	Digital certificate

Ecommerce can be broken into four main categories :

- B2B (Business-to-Business)
- B2C (Business-to-Consumer)
- C2B (Consumer-to-Business)
- C2C (Consumer-to-Consumer)

Note the following points while generating the Webpage :

- Link colour is green, active link colour is blue and visited link colour is red.
- Title of the page is "eCommerce".
- Headling of the page is maroon.
- Image used is "ecommerce.jpg".
- Caption of table is blue.
- Background of table is "cyan".
- Table border is blue and of size 2.
- The 4 links are one.html, two.html, three.html and four.html.
- List Heading is red.

SECTION B

7. Multiple Choice Questions (Choose most appropriate option) : *16*

(i) Which of them is the correct statement ?

(a) All XML elements must have a closing tag.

(b) All XML elements must be lower case.

(c) All XML documents must have a DTD.

(d) All of the above

(ii) A _____ is a virus that is often disguised as a useful computer program.

(a) Trojan Horse

(b) hacker

(c) worm

(d) spam

(iii) The XML file conforming to syntax or grammar rules is called

(a) Correct document

(b) Valid document

(c) Well-formed document

(d) Confirmed document

(iv) A software that spies on your computer activities is

(a) De-ware

(b) Spyware

(c) Malware

(d) Cracker

(v) Which one of these is correct syntax of the declaration which defines the XML version ?

(a) <?xml version="1.0"?>

(b) <?xml version="1.0">

(c) </xml version="1.0">

(d) <xml version="1.0"?>

(vi) We can view the source code of a web page in

(a) MS Power Point

(b) Internet Explorer

(c) MS Excel

(d) Notepad

(vii) Which of the following are the attributes of < table > ?

(a) < Border >

(b) < img >

(c) < table >

(d) None of these

(viii) Which one of the following is ***not*** a malware ?

(a) Virus

(b) Spam

(c) Worm

(d) Application Software

(ix) Which attribute does ***not*** come in < HR > tag ?

(a) Size

(b) Color

(c) Width

(d) Length

(x) The correct HTML code for inserting an image is

(a) < img href="image.gif" >

(b) < img > image.gif</img >

(c) < img src="image.gif" >

(d) < image src="image.gif" >

(xi) What is the full form of DTD ?

(a) Document To Definition

(b) Dynamic To Definition

(c) Document Type Definition

(d) Direct Type Definition

(xii) Which tag is used to bring the text to next line ?

(a) < br >

(b) < b >

(c) < p >

(d) < li >

(xiii) Which of the following are the heading tags ?

(a) < h3 >

(b) < h6 >

(c) < h2 >

(d) All of the above

(xiv) Valid XML document means

(a) The document has one root element

(b) The document contains one or more root elements

(c) The document has a DTD and complies to it

(d) Each element must be in capital letters

(xv) Anything written between _____ is taken as comment.

(a) < ?- - >

(b) < ?- - -? >

(c) < !- -and- - >

(d) < /- - - >

(xvi) XML allows you to

(a) Create new tags

(b) Arrange your tags in any order

(c) Closing tags are not required

(d) All of the above