

Roll No.

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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 minute 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-book during this period.

## SUMMATIVE ASSESSMENT – II

# FOUNDATION OF INFORMATION TECHNOLOGY

*Time allowed : 3 hours*

*Maximum Marks : 70*

### SECTION A

1. Fill in the blanks : 5
- You need a \_\_\_\_\_ to create and edit an XML document.
  - \_\_\_\_\_ are used to connect web pages.
  - The default alignment of an image is \_\_\_\_\_ .
  - In HTML, while creating a table, we cannot use background attribute with \_\_\_\_\_ tag.
  - To increase space between two cells, \_\_\_\_\_ attribute should be used.
  - A website which allows you to share opinion and discuss topics in the form of an online journal is called as \_\_\_\_\_ .

- (g) \_\_\_\_\_ is a type of malware that is installed on a user's computer and collects information about the users without their consent and knowledge.
- (h) A \_\_\_\_\_ is a technical person who breaks through the system's security with malicious intentions.
- (i) \_\_\_\_\_ is business in online environment.
- (j) \_\_\_\_\_ protects a server, a network and an individual PC from attack by viruses from other systems.

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

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- (a) The HTML tag for inline image is <img>.
- (b) Physical structure refers to different parts of a document i.e., how a document is built.
- (c) A table's background colour can be specified using backgroundcolor attribute.
- (d) <TD> is a container tag.
- (e) The default font size is 5.
- (f) <caption> tag gives heading to a table.
- (g) To avoid spam, never click on links that come from someone you do not know.
- (h) XML uses DTD to describe the data.
- (i) A worm is a program designed to replicate.
- (j) Unsolicited bulk emails are called spams.

**3. Short Answer Questions :**

- (a) Write the HTML code to display an image on the right side of a page. 2
- (b) Write any two precautions to avoid spam. 2
- (c) Write the attributes of <img> tag which are used for specifying its dimensions in a web page. 2
- (d) Write the full forms of the following : 2
  - (i) ISP
  - (ii) HTML
  - (iii) <OL>
  - (iv) <BR>

- (e) Sujata is a reporter in a news agency. Her job demands for travelling to different parts of the country and giving all information to back office. What type of Internet connection would you suggest to her to send the information in minimum time ? Name any one Indian ISP. 2
- (f) Name any two Internet protocols. 2

4. Short Answer Questions :

- (a) Draw the XML tree for the following code : 5

```

<Library>
  <Books><Thrillers>
    <Author>24</Author>
    <Price>50</Price>
  </Thrillers>
  <Fiction>
    <Author>25</Author>
    <Price>60</Price>
  </Fiction></Books>
</Library>

```

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

Primary	Dance
	Aerobics
Middle School	Gymnastic
	Yoga
Sr School	Maths Club
	Robotics Club
	Photography

- (c) In a small office network, to protect every computer from hackers, virus or worm, what should be done ? What is Firewall ? Name any one software for each of the following categories : 5
- (i) Text Editor
- (ii) Internet Browser

(d) Identify which of the following is a tag or an attribute :

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(i) HR

(ii) BR

(iii) P

(iv) align

(v) Text

(vi) Noshade

(e) Use the keywords given below to complete the paragraph :

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Browser, Website, Web page, Web address, HTML, HTTP

Meghna wants to access Internet. She opens \_\_\_\_\_ and then types the \_\_\_\_\_ of \_\_\_\_\_ which consists of multiple \_\_\_\_\_ .

## 5. Long Answer Questions :


Observe the following output and write the HTML code to generate it :

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**e-SHOPPING**

**All Your Shopping Needs Met With Mouse Click**

Availability of all possible leading brands. Guarantee of quality and price. Free home delivery.



We provide the following category of products.

1. Clothing & Accessories
  - o Men
  - o Women
  - o Kids
2. Household Appliances
3. Grocery

Shop Timings : 10.00 am to 8.00 pm

Consider the following points while generating the web page :

- The title of the page is “e-Shopping”
- The heading is in red colour
- Text colour is maroon
- Font of the entire document is Arial
- Image used is “images.jpg”
- The pages linked are :
  - Clothing & Accessories to “cloth.html”
  - Household Appliances to “house.html”
  - Grocery to “grocery.html”
- Bottom message is of size 2

## SECTION B

6. Multiple Choice Questions (Choose the most appropriate option) :

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(a) To display numbers in a list, which tag(s) is/are used ?

- (i) <ol>
- (ii) <ul>
- (iii) Both of them
- (iv) None of the above

(b) Which of these tags is/are used with <Table> tag ?

- (i) <TR>
- (ii) <TD>
- (iii) <TH>
- (iv) All of the above

(c) Which attribute(s) is/are used to merge rows ?

- (i) Rowspan
- (ii) Colspan
- (iii) Both of them
- (iv) None of the above

(d) Is this a well formed XML document ?

```
<?xml version = "1.0"?>
```

```
<mail>
```

```
<to>Raman</to>
```

```
<from>Rajeev</from>
```

```
</mail>
```

(i) Yes

(ii) No

(iii) Can't say

(iv) None of the above

(e) Which of the following is/are attributes of <TR> Tag ?

(i) Text

(ii) Colour

(iii) Align

(iv) All of the above

(f) To start a list with alphabet "E" which line should be used ?

(i) <ol type="A">

(ii) <ol type="A" start= "5" >

(iii) <ol type="E" >

(iv) <ol start="E" >

(g) How do we write comment in XML ?

(i) <!--comment-->

(ii) <! - - comment - - >

(iii) <Comment>

(iv) None of the above

(h) A valid XML document means

(i) The document has root element

(ii) The document has one or more root elements

(iii) Root element is not essential

(iv) Can't say

- (i) Copy of data that can be used to restore and recover data is
- (i) The copied data
  - (ii) Backup
  - (iii) Restoration data
  - (iv) None of the above
- (j) A Firewall is
- (i) Used to protect a computer room from flood and fire
  - (ii) A form of virus
  - (iii) A screen saver
  - (iv) None of the above
- (k) Which points should one consider to choose a password ?
- (i) It should be short
  - (ii) It should be long
  - (iii) It should be your name
  - (iv) None of the above
- (l) A \_\_\_\_\_ keeps your computer safe by confirming who is trying to access it.
- (i) Firewall
  - (ii) Lock
  - (iii) Gate
  - (iv) Safe
- (m) Which is a correct XML element ?
- (i) <H1>
  - (ii) <To Do>
  - (iii) <Name>
  - (iv) <?name>

- (n) A virus can damage
- (i) Internet connectivity
  - (ii) Software
  - (iii) Hardware
  - (iv) None of the above
- (o) Which tag leaves a blank line ?
- (i) <Hr>
  - (ii) <Br>
  - (iii) <Line>
  - (iv) <empty>
- (p) Alt attribute is used to display an image in a web browser.
- (i) Yes
  - (ii) No
  - (iii) Can't say
  - (iv) None of the above
- (q) HTML uses
- (i) Predefined Tags
  - (ii) User defined Tags
  - (iii) Both of them
  - (iv) All of the above
- (r) To start a list with default “•” which is the correct syntax ?
- (i) <ul type=“A” >
  - (ii) <ul type=“disc” >
  - (iii) <ol type=“circle” >
  - (iv) <ol start=“circle” >