

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 **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 student 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
Code No. 165

*Time allowed : 3 hours]**[Maximum marks : 80*

SECTION A

1. Fill in the blanks : 10
- 1.1 is an attribute of the tag which specifies the location or URL of the image to be displayed.
- 1.2 An link allows a link to another section on the same web page.
- 1.3 is an attribute of the <Table> tag to set the distance between the cell content and the boundary.
- 1.4 is used to combine the cells vertically.
- 1.5 The default colour of a hyperlink on a web page is

- 1.6 In all XML documents the element is the parent of all other elements.
- 1.7. The tag is used to create subscripts and tag is used to create superscripts on a web page.
- 1.8 An image to be displayed in a web page has to cover 25% of the browser window horizontally and 50% vertically. The attributes andof the tag would be used for achieving this.

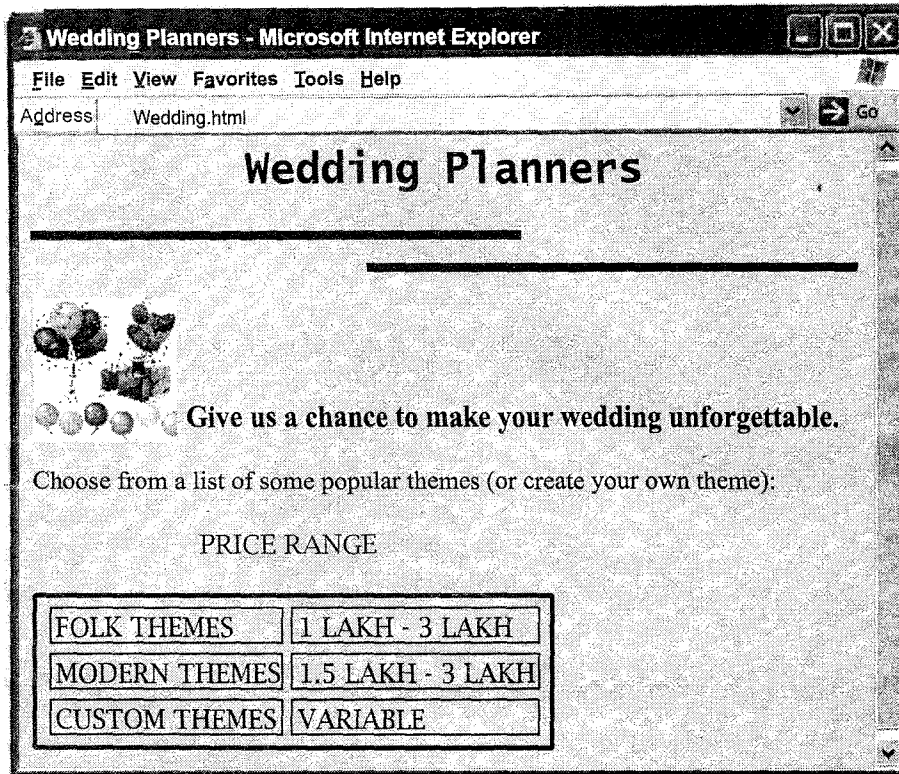
2. State True or False :

10

- 2.1 In XML, tag names cannot start with a number or a punctuation character.
- 2.2 The colour of the hyperlinks in an HTML document cannot be changed.
- 2.3 The <A> tag is called the align tag.
- 2.4 <TR> tag is used to specify the individual table data in a table.
- 2.5 The ALT attribute of the tag is used to specify the text that is to be displayed in case the browser does not support graphics.
- 2.6 XML is not a markup language.
- 2.7 An integer value must be given to specify the width of the border around an image.
- 2.8 Spyware is a type of malware but is not capable of collecting personal information.
- 2.9 HTML is case sensitive.
- 2.10. XML allows one to define new tags.

3. Carefully study the web page given below. Identify 10 tags (structural as well as formatting tags) that have been utilized in creating this web page and write their usage.

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4. Answer the following questions :
- 4.1 Explain the difference between a well formed and a valid XML document. 2
- 4.2 Brijwasi is working for an IT firm where he needs to backup his data of around 200 MB to 400 MB at the end of each day. Each day backup needs to be archived separately for future reference. Suggest any two economic data backup devices, which he can use for this purpose. 2
- 4.3 Give one specific software / tool for each of the following : 2
- (a) Text editor used to create Web pages
- (b) Antivirus Software

4.4 Identify the errors in the following HTML code and write the corrected code with each correction underlined :

3

```
<HTML>
  <HEAD> IMAGES</TITLE>
  <BODY BACKGROUND="Red">
    <IMG HREF="abc.jpg">HERE IS MY IMAGE FILE
  </HEAD>
</HTML>
```

5. Do as directed :

5.1 Draw the XML tree for the code given below :

5

```
<MOVIES>
  <ENGLISH>
    <NAME>PLAYERS</NAME>
    <DIRECTOR>ABC</DIRECTOR>
    <PRODCOST>50 Lakhs < / PRODCOST>
  </ENGLISH>
  <HINDI>
    <NAME>KHILADI</NAME>
    <DIRECTOR>XYZ</DIRECTOR>
    <PRODCOST>70 Lakhs</PRODCOST>
  </HINDI>
</MOVIES>
```

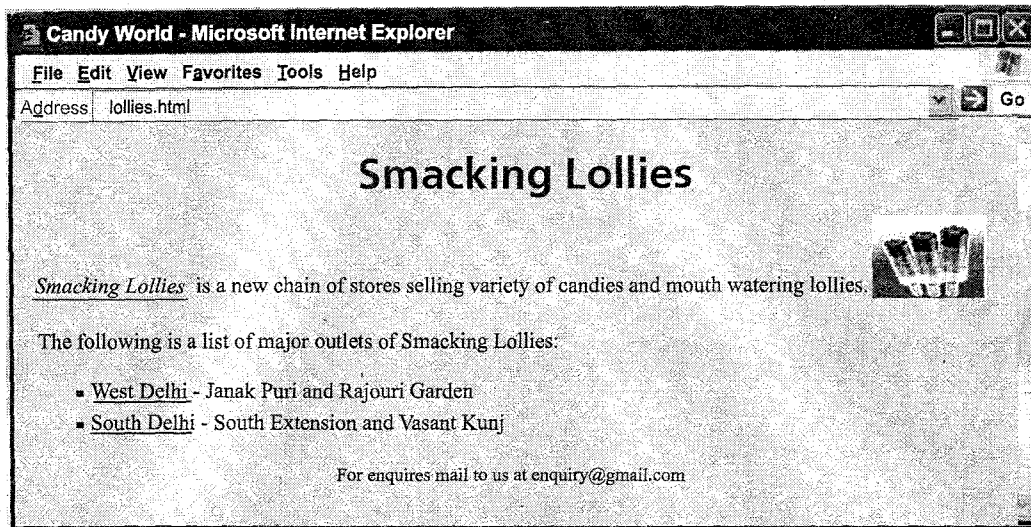
5.2 Write the HTML code to generate the following table on a web page with the contents and alignment exactly as shown below :

5

MOVID	MOVNAME	ACTORS
M001	HIT FACTORY	4

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

10



Note the following points while generating the web page :

1. Title of the page should be “Candy World”
2. The heading text “Smacking Lollies” is in Comic Sans font and is of red color.
3. The first two words of the paragraph are underlined and in italics.
4. Image used in the page is ice.jpg
5. The bulleted list contains links as specified below :
 - * The text West Delhi is a link to the web page “west.html”
 - * The text South Delhi is a link to the web page “south.html”

SECTION B

7. Choose the most appropriate option for the following :

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7.1 short for malicious software, is software designed to infiltrate a computer system without the owner’s informed consent.

- (a) Blog
- (b) Attachments
- (c) Spam
- (d) Malware

- 7.2 The attribute used to specify the background colour of a table is :
- (a) COLOR
 - (b) BGTABLE
 - (c) BACKCOLOR
 - (d) BGCOLOR
- 7.3 A is someone who breaks into someone else's computer system, often on a network; bypasses passwords or licenses in computer programs without malicious intent with a wish to learn and improve security.
- (a) Hacker
 - (b) Cracker
 - (c) Worm
 - (d) Malware
- 7.4 A is a software program that is designed to copy itself from one computer to another, without human intervention.
- (a) Trojan
 - (b) Virus
 - (c) Worm
 - (d) Spam
- 7.5 Combining two or more cells in a table on a web page is called :
- (a) Merging
 - (b) Spanning
 - (c) Combining
 - (d) None of the above
- 7.6 A software used to open web pages on the internet is called a
- (a) Surfer
 - (b) Portal
 - (c) Browser
 - (d) Provider
- 7.7 XML stands for
- (a) Extensible Markup Language
 - (b) Extended Markup Language
 - (c) Extensible Makeup Language
 - (d) Extended Makeup Language

- 7.8 Comments in XML are :
- (a) Having the same syntax as that of comments in HTML
 - (b) Used to add additional notes
 - (c) Not displayed on the final web page
 - (d) All of the above
- 7.9 An XML parser is used to :
- (a) Extract data from the XML file and build a tree like structure
 - (b) Check whether or not an XML document is well formed
 - (c) Both (a) and (b)
 - (d) None of the above
- 7.10 Which of the following is an attribute of <TABLE> tag ?
- (a) SRC
 - (b) LINK
 - (c) CELLPADDING
 - (d) BOLD
- 7.11 If an element A is contained by element B then
- (a) A is a parent of B
 - (b) B is a parent of A
 - (c) Both A and B are siblings
 - (d) None of the above
- 7.12 Which of the following tag is suitable for creating numbered list ?
- (a) <BL>
 - (b)
 - (c)
 - (d) <DL>
- 7.13 The XML document is like a
- (a) Tree structure
 - (b) Inverted tree structure
 - (c) Flat structure
 - (d) None of the above
- 7.14 Choose the correct HTML to right-align the content inside a table cell
- (a) <TD ALIGN= "right">
 - (b) <TD VALIGN= "right">
 - (c) <TD RIGHTALIGN>
 - (d) <TD RIGHT= "Align">

- 7.15 The two common attributes of the and the <TABLE> tag are:
- (a) SRC and HEIGHT
 - (b) HEIGHT and WIDTH
 - (c) BORDER and SRC
 - (d) They do not have any common attributes

7.16 Name the root element in the following XML document.

```
<mother>
  <child1>
    <name> Megha</name>
    <age>12</age>
  </child1>
  <child2>
    <name> Mana</name>
    <age>15</age>
  </child2>
</mother>
```

- (a) child1
- (b) child2
- (c) mother
- (d) name