

# SUMMATIVE ASSESSMENT-II, 2016

## FOUNDATION OF IT

**Time - 3 hrs.**

**Class-X**

**M.M.-90**

Date – 02.03.2016

**Q1. Fill in the blanks:**

**[10]**

- 1.1 To create a link you surround the text or image with a(n) \_\_\_\_\_ tag.
- 1.2 XML stands for \_\_\_\_\_.
- 1.3 \_\_\_\_\_ security technology establishes an encrypted link between a web server and browser.
- 1.4 Copy of data created for safe-storage is \_\_\_\_\_.
- 1.5 The tag that starts a table cell is \_\_\_\_\_.
- 1.6 An XML document has a logical structure and a \_\_\_\_\_ structure.
- 1.7 A person who breaks into a computer system/network as part of computer security program is \_\_\_\_\_.
- 1.8 To create a link to an anchor, you use the \_\_\_\_\_ property in <A> tag.
- 1.9 Electronic junk mail is called \_\_\_\_\_.
- 1.10 In all XML documents the \_\_\_\_\_ element is the parent of all other elements.

**Q2. State True or False:**

**[10]**

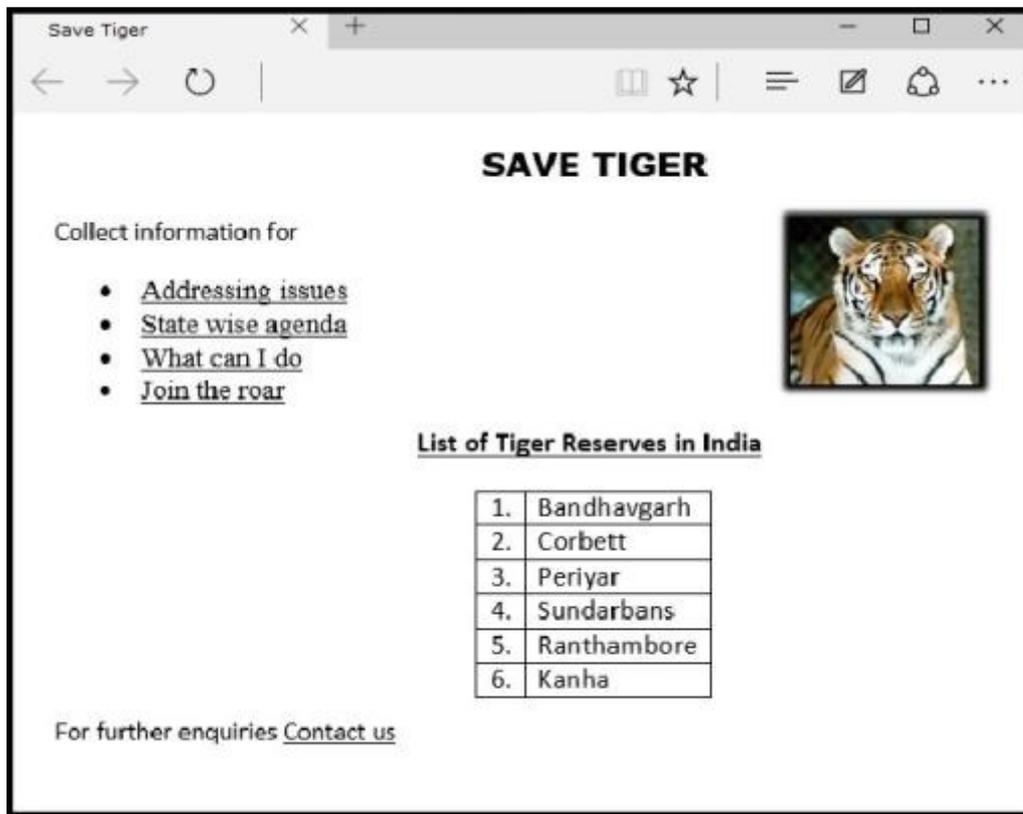
- 2.1 HTML is case sensitive.
- 2.2 XML's goal is to replace HTML.
- 2.3 The colour of the hyperlinks in an HTML document cannot be changed.
- 2.4 A virus may corrupt or delete data on your computer.
- 2.5 XML document can be viewed only if proper stylesheet file is also available along with XML file.
- 2.6 Align and Valign are the attributes used with <TD> tag to set the alignment of data in a table.
- 2.7 XML is not a markup language.
- 2.8 No value is specified with ALT attribute of <IMG> tag.
- 2.9 XML stands for Extensive Markup Language.
- 2.10 XML allows one to define new tags.

**Q3. Expand the following term: (any 10)**

**[10]**

- |         |         |        |        |
|---------|---------|--------|--------|
| a) HTML | b) SET  | c) PCI | d) SSL |
| e) CSS  | f) DTD  | g) XML | h) CA  |
| i) GIF  | j) SGML | k) FAT | l) TD  |

- Q4. Carefully study the webpage given below. Identify 8 tags (structural as well as formatting tags) that have been utilized in creating this webpage and write the usage of each of them. [12]



- Q5. Do as Directed [10]

5.1 Draw the XML tree for code given below :

```
<Office>
<FirstFloor>
<Rooms>150</Rooms>
<Lockers>200</Lockers>
</FirstFloor>
<SecondFloor>
<Rooms>225</Rooms>
<Lockers>215</Lockers>
</SecondFloor>
</Office>
```

5.2 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:

Marks			
English	Hindi	Maths	Science

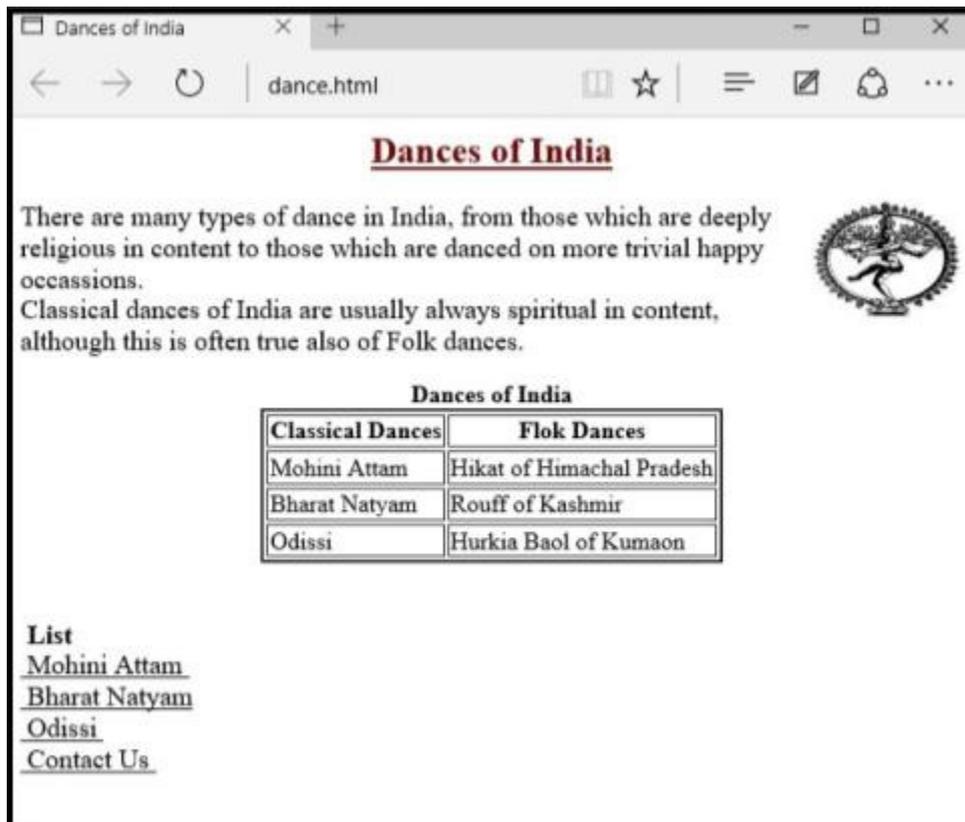
**Q6. Answer the following question: -**

[10]

- 6.1 What happens when we click on a hyperlink on a webpage?
- 6.2 Who are Crackers and Hackers?
- 6.3 What is Prolog?
- 6.4 What is declared empty tag?
- 6.5 What is Denial of Service attack?

**Q7. Write the HTML code to generate the following output:**

[10]



**Note the following points while generating the Webpage:**

- 7.1 Link colour is green, active link colour is blue and visited link colour is red.
- 7.2 Title of the page is "Dances of India".
- 7.3 Heading of the page is maroon.
- 7.4 Heading should be at the center of the page.
- 7.5 Image used is "Natraj.jpg".
- 7.6 Caption of table is blue.
- 7.7 Background colour of page is "Yellow".
- 7.8 Table border is blue and of size 2.
- 7.9 The 3 links are one.html, two.html and three.html.
- 7.10 The email id for contact us is abc@xyz.com

**Q8. Multiple choice questions (Choose the most appropriate option):**

**[18]**

- 8.1 Which of the following is not a valid value for align attribute of <IMG>?  
(a) Top (b) Middle (c) Bottom (d) Center
- 8.2 The comments are inserted to XML:  
(a) for fun (b) to add notes about document structure  
(c) to break a document in sections (d) Both (b) and (c)
- 8.3 Tricking people through authentic looking email or website is called :  
(a) Denial of Service (b) Phishing  
(c) Hacking (d) Cracking
- 8.4 In order to add border to a table, BORDER attribute is specified in which tag?  
(a) THEAD (b) TABLE (c) TBORDER (d) None of these
- 8.5 XML expands to :  
(a) Expanded Markup Language (b) Experts Markup Language  
(c) Extensible Markup Language (d) None of these
- 8.6 Digital code attached to a message that uniquely identifies the message is called :  
(a) Digital Signature (b) Digital certificate  
(c) Digital Proof (d) Digital ID
- 8.7 The tag that starts a table cell is :  
(a) <table> (b) <tc>  
(c) <td> (d) <tr>
- 8.8 Two important softwares that validate or process XML documents are :  
(a) XML validator (b) XML Parser  
(c) Both (a) and (b) (d) None of these
- 8.9 A program designed to replicate and eat up a computer's storage is called :  
(a) Virus (b) Spam  
(c) Worm (d) Mail
- 8.10 Which of the following is an attribute of <Table> tag?  
(a) SRC (b) LINK  
(c) CELLPADDING (d) BOLD
- 8.11 Which of the following tag is suitable for creating numbered list?  
(a) <BL> (b) <OL> (c) <UL> (d) <DL>

- 8.12 The attribute used to specify the background colour of a table is :
- (a) COLOR (b) BGTABLE  
(c) BACKCOLOR (d) BGCOLOR
- 8.13 What tag tells where a link starts?
- (a) <l> (b) <start>  
(c) <a> (d) None of these
- 8.14 To link an XML document with a stylesheet :
- (a) Create XML document  
(b) Create a separate CSS stylesheet for above XML file  
(c) Link the two files  
(d) All of the above
- 8.15 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
- 8.16 Which one of the following is the list type that will create a bulleted list?
- (a) Unordered (b) Option  
(c) Decorated (d) Ordered
- 8.17 First generic markup language is :
- (a) ADML (b) ChessGML  
(c) InkML (d) SGML
- 8.18 A good way to safeguard access to your computer is to \_\_\_\_\_ protect it :
- (a) A deadbolt (b) Copyright  
(c) Safemode (d) Password

