

SAMPLE QUESTION PAPER 3

A Sample Question Paper for CBSE Class X Summative Examination II

Foundation of Information Technology

General Instructions

- All questions are to be answered.
- Read the questions carefully before answering.

Time : 3 hours

Max. Marks : 90

Section A

1. Fill in the Blanks

(10 × 1 = 10)

- The tags are used for making text and image as linking text and image.
- The attribute is used if you do not want a border around the image.
- checks only that the XML document is well-formed.
- can decrease the space on hard disks by duplicating files.
- Melissa.A is an example of virus.
- Provision to ensure the security of data in a Website is a
- Web page on a site are linked together through a system of
- Internet Explorer is a parser.
- Output of the command `SO₂` is
- A is a temporary connection that uses the public switched telephone network (PSTN) to connect to the internet.

2. State True or False

(10 × 1 = 10)

- align and valign are the attributes used with <td> tag to set the alignment of the data in a table.
- XML is a case sensitive language.
- border is an attribute of tag.
- target attribute with <a> tag is used to open a link in a new window.
- Antivirus software use digital signatures to repair infected files.
- An XML document can have only limited number of child elements.
- No value is specified with alt attribute of tag.
- Home page is server page of a website.
- CD is a storage device that is used to take the backup of your data.
- rowspan attribute with <table> tag is used to merge more than one cell row wise.

3. Answer the following questions:

- Differentiate between hacker and cracker with reference to their intention and motive. (2)
- How can we protect the computer from a virus? Name any two antivirus software. (2)

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- (c) Write the HTML code to display an inline image name Fruit.jpg located at D:\. (2)
- (d) Write a full form of
 - (i) <sub> (ii)
 (iii) <thead> (iv) <tr>
- (e) What is an E-mail? Write two advantages of an E-mail. (2)
- (f) What are the attributes of XML declaration? (2)

4. Answer the following questions:

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

```

<story>
  <indian>
    <thrillers>
      <writer> Ashok Mehta </writer>
      <dor> 01/01/15 </dor>
    </thrillers>
  </indian>
  <fiction>
    <writer> Sanjay Bhansali </writer>
    <dor> 01/03/15 </dor>
  </fiction>
</story>

```

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

Institute of Management

EMP. NO.	NAME	ADD	DOB	MOB NO.
1	AMIT KUMAR	FLAT 03 ADITYZ, BHOPAL	17/09/95	887526548

Note Heading color of the table should be "blue".

- (c) Why is Internet called 'Network of Networks'? (5)
- (d) Name the attributes used for following: (5)
 - (i) Setting cells's background image (ii) Changing the cell span
 - (iii) Used to define the height of the cell (iv) To give the title to the document
 - (v) Set the color of the link.

5. Do as directed

- (a) Observe the following Web page and write the HTML code to generate it. (10)

Library Support

LIBRARY

A library is a collection of sources of information and similar resources, made accessible to a defined community for reference or borrowing.

Types of Libraries

Academic libraries	Children's libraries	National libraries	Public lending libraries	Reference libraries	Research libraries	Special libraries
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Membership Offer:

Students
Literature, Journal and Research

Others
Novel, Story and General Story

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Note the following points while generating the Web page:

- (i) Title of the page should be "Library Support".
- (ii) Background color of the page should be "silver".
- (iii) Link color should be "red", visited link color should be "green" and active link color should be "black".
- (iv) The message "Membership Offer:" should be displayed in "maroon" color.
- (v) Font face in the page should be "arial".
- (vi) Picture used in page on top corner should be from a file "Library.jpg".
- (vii) Text color of main heading should be "blue".
- (viii) Table border is "black" and size is "2".
- (ix) Use links as:
 - Students as student.html
 - Literature as literature.html
 - Journal as journal.html
 - Research as research.html
 - Others as other.html
 - Novel as novel.html
 - Story as story.html
 - General Story as reading.html

- (b) What is meant by a well-formed XML document? Write the code to create an XML document with the 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 the most appropriate option)

(1' 1 = 18)

- (i) Which tag is called the heading tag?
 - (a) <h1>
 - (b) <head>
 - (c) <title>
 - (d) None of these
- (ii) Which attribute is used in HTML to change the size of image?
 - (a) height and width
 - (b) row and column
 - (c) size
 - (d) All of these
- (iii) A category of software that spies of your computer activities is called
 - (a) adware
 - (b) spyware
 - (c) utilities
 - (d) freeware
- (iv) Which of the following is not an attribute of <table> tag?
 - (a) border
 - (b) background
 - (c) bgcolor
 - (d) src
- (v) What is the use of alt attribute in HTML?
 - (a) alt attribute is used to change the size of an image
 - (b) alt attribute is used for giving the heading of an image
 - (c) alt attribute is used when image is not display, then it shows the message
 - (d) All of the above
- (vi) When creating a Web document, which unit is used to express an image's height and width?
 - (a) Centimetres
 - (b) Pixels
 - (c) Dots per inch
 - (d) Inches
- (vii) From the following, which is antivirus?
 - (a) Trojan
 - (b) McAfee
 - (c) Worm
 - (d) None of these

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- (viii) How can you create E-mail link?
 (a) ``
 (b) ``
 (c) Both (a) and (b)
 (d) None of these
- (ix) src attribute is used with `` tag. It stands for
 (a) Screen
 (b) Screen Resolution Count
 (c) Source
 (d) Structure
- (x) AntiEXE is an example of
 (a) Macro virus
 (b) File system virus
 (c) Boot sector virus
 (d) Worm
- (xi) XML was not designed to
 (a) display Web pages
 (b) show your own tags
 (c) carry data
 (d) Both (a) and (b)
- (xii) In XML, the attribute value must always be quoted with
 (a) double quotes
 (b) single quotes
 (c) Both (a) and (b)
 (d) None of these
- (xiii) A is a set of rules, which is used to describe XML data.
 (a) schema
 (b) parser
 (c) validator
 (d) process
- (xiv) Which tag is used to display preformatted text?
 (a) `<pre>` tag
 (b) `` tag
 (c) `<basefont>` tag
 (d) All of these
- (xv) Using `<p>` tag, you can
 (a) start new paragraph
 (b) break the line
 (c) end the new paragraph
 (d) All of these
- (xvi) Comment in XML document is given by
 (a) `<? ----->`
 (b) `<! -- and -- >`
 (c) `<! ----- !`
 (d) `</ ----->`
- (xvii) Which of the following is an appropriate backup device?
 (a) Light pen
 (b) Thumb drive
 (c) Bar code reader
 (d) Win zip drive
- (xviii) An XML component that defines the structure of a document is known as a(n)
 (a) DOCTYPE
 (b) DTD
 (c) # PCDATA
 (d) HTML stylesheet