

INDIAN SCHOOL MUSCAT

CLASS - X

THIRD PRELIMINARY EXAMINATION

FOUNDATION OF INFORMATION TECHNOLOGY (Answer Key)

SECTION A

- Q1. Fill in the blanks : 5**
- (a) You need a _____ to create and edit an XML document.
- Ans. **Text Editor or NOTEPAD or Sublime Editor OR any other correct Text Editor's name**
- (b) _____ are used to connect web pages
- Ans. **Hyperlink /href/External Link/Target**
(1/2 Mark for correct answer)
- (c) The default alignment of an image is _____
- Ans. **Inline/Left**
(1/2 Mark for correct answer)
- (d) In HTML, while creating a table, we cannot use background attribute with _____ tag.
- Ans. **THead**
(1/2 Mark for correct answer)
- (e) To increase space between two cells, _____ attribute should be used
- Ans. **Cellspacing**
(1/2 Mark for correct answer)
- (f) A website which allows you to share opinion and discuss topics in the form of an online journal is called as _____
- Ans. **Blog/News Group/Online Forum/Social Networking/Online Bulletin Board/all other answers with similar purpose**
(1/2 Mark for correct answer)
- Q2. State True or False: 5**
(1/2 Mark for writing each correct option)
- (a) The HTML tag for inline image is .
- Ans. **True**
- (b) Physical structure refers to different parts of a document i.e., how a document is built.
- Ans. **True**
- (c) A table's background colour can be specified using backgroundcolor attribute.
- Ans. **False**
- (d) <TD> is a container tag.
- Ans. **True**
- (e) The default font size is 5.
- Ans. **False**
- (f) <caption> tag gives heading to a table.
- Ans. **True**
- (g) To avoid spam, never click on links that come from someone you do not know.
- Ans. **True**
- (h) XML uses DTD to describe the data.
- Ans. **True**
- (i) A worm is a program designed to replicate.

- Ans. **True**
(j) Unsolicited bulk emails are called spams.
Ans. **True**

Q3. Short Answer Questions:

- (a) Write the HTML code to display an image on the right side of a page. 2

Ans. ****

(1 Mark for img tag)

(1 Mark for align=right)

- (b) Write any two precautions to avoid spam. 2

- Ans.
 - Never click on links that come from unknown sources.
 - Never, ever reply to a spam message.
 - Don't forward an email from someone you don't know to a list of people.
 - Use a spam filter.

OR Any other correct precautions

(1 Mark each for any two correct precautions)

- (c) Write the attributes of tag which are used for specifying its dimensions in a web page.

Ans. **Width**
Height

(1 Mark for each correct attribute)

- (d) Write the full forms of the following: 2

- (i) **ISP**
(ii) **HTML**
(iii) ****
(iv) **
**

Ans. (i) Internet Service Provider
(ii) Hypertext Markup Language
(iii) Ordered List
(iv) Line Break OR Break
(1/2 Mark for each correct full form))

- (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

Ans. **Wireless Internet Connection OR WiFi**
MTNL, BSNL, Reliance, Airtel, Vodafone OR any other correct ISP name
(1 Mark for writing correct Internet connection)
(1 Mark for writing correct name of an Indian ISP)

- (f) Name any two Internet protocols. 2

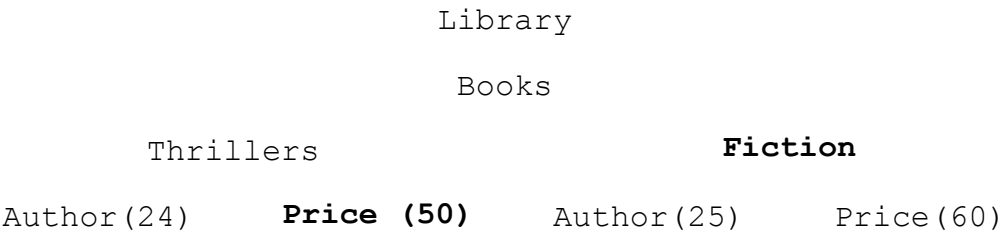
Ans. **FTP, HTTP, IMAP, POP, SMTP, Telnet, TCP, IP, IPv4, IPv6, PPP (1 Mark each for any two internet protocol name)**

- (a)

Draw the XML tree for the following code

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

5



Any other similar representation for Tree

- (1 mark for Root Element Library)**
- (1 mark for Books)**
- (1/2 mark each for Thrillers and Fiction)**
- (1/2 mark each for Elements Author (24), Price (50) under Thrillers)**
- (1/2 mark each for Elements Author (25), Price (60) under Fiction)**

- (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:
(i) Text Editor
(ii) Internet Browser

5

Ans. Firewall OR Antivirus should be installed.

Firewall:

A security system (hardware/software) that prevents unauthorized users from gaining access to a computer network

OR

A security system (hardware/software) that monitor transfers of information to and from the network.

(i) NOTEPAD OR SUBLIME Text Editor OR Any other correct Text Editor name

(ii) CHROME OR FIREFOX OR Any other correct Internet Browser name

(1 Mark for writing Firewall OR Antivirus correctly)

(2 Marks for defining Firewall correctly)

(1 Mark for writing any one correct Text Editor name)

(1 Mark for writing any one correct Internet Browser name)

Q5.

Ans.

```
<html>
<head>
  <title>e-Shopping</title>
</head>
<body text="maroon">
  <font face="Arial">
    <h2>
<center><font color=red>e-SHOPPING</font></center>
    </h2>

    <h2>
      <center>All Your Shopping Needs Met With Mouse Click
      </center>
    </h2>
    <p>Availability of all possible leading brands. Guarantee
of quality and price. Free home delivery.
    <center><img src=images.jpeg></center>
    <p>We provide the following category of products.
    <ol>
      <li>
        <a href="cloth.html">Clothing & Accessories</a>
        <ul type=circle>
          <li>Men
          <li>Women
          <li>Kids
        </ul>
        <li><a href="house.html">Household Appliances</a>
        <li><a href="grocery.html">Grocery</a>
      </ol>
      <hr>
      <p>
        <center>
          <font size=2>Shop Timings: 10am to 8.00 pm</font>
        </center>
      </p>
    </font>
  </body>
```

</html>

- (1 Mark for the title of the page as 'e-Shopping')*
- (1 Mark for the heading in red colour)*
- (1 Mark for Text colour as maroon)*
- (1 Mark for the Font of the entire document as Arial)*
- (1 Mark for the Image used as 'images.jpg')*
- (1 Mark for linking Clothing & Accessories to 'cloth.html')*
- (1 Mark for linking Household Appliances to "house.html")*
- (1 Mark for linking Grocery to 'grocery .html')*
- (1 Mark for Bottom message of size 2)*
- (1/2 Mark for correct Ordered list)*
- (1/2 Mark for correct Unordered list)*

NOTE:

- *Mark not to be deducted for not using the <hr> tag before the bottom message*
- *Mark not to be deducted for writing any extra tags which are not needed*

Q6

Multiple Choice Questions (Choose the most appropriate option) (1 Mark for choosing each correct option)

2

- (a) To display numbers in a list, which tag(s) is/are used?
- (i)
 - (ii)
 - iii) Both of them
 - (iv) None of the above

Ans. (i)

- (b) Which of these tags is/are used with <Table> tag?
- (i) <TR>
 - (ii) <TD>
 - (iii) <TH>
 - (iv) All of the above

Ans. (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

Ans. (i) Rowspan

- (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

Ans (i) Yes