



INDIAN SCHOOL MUSCAT
SECOND PRELIMINARY EXAMINATION

FOUNDATION OF INFORMATION TECHNOLOGY

Code: 165

Class : X
12. 11 .2018

Max. Marks.: 40
Time: 2 1/2 Hrs

General Instructions:

- 1) The question paper consists of 16 questions.
- 2) All questions are compulsory; however internal choice has been given in a few questions.

1 Multiple Choice Questions

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a. Which one of the following is an e-Shopping website:

- i) Flipkart
- ii) HomeShop18
- iii) AMAZON
- iv) All of above

b. BGCOLOR is an attribute of:

- i) <TABLE> tag
- ii) tag
- iii) <HEAD> tag
- iv) <BODY> tag

c. A link used to navigate or open other web pages on a website on internet is called:

- i) Higherlink
- ii) Hyperlink
- iii) Heterolink
- iv) None of above

- d. FTP is referred to as
- i) Force Transfer Protocol
 - ii) File Transfer Protocol
 - iii) File Transfer Partition
 - iv) File Transport Protocol
- e. An XML document can be viewed in a
- i) Word processor
 - ii) Web browser
 - iii) Notepad
 - iv) None of the above

- | | | |
|-----|--------------------------------------------------------------------------------------------------------------------|---|
| 2. | What is Blog? | 1 |
| 3. | Name any two major services provided by Internet. | 1 |
| 4. | Ajay needs to store and transport the data. He should use HTML or XML? | 1 |
| 5. | Name the protocol which is used for uploading & downloading data from remote site. | 1 |
| 6. | What is the full form of XML? | 1 |
| 7. | Differentiate between digital certificate and digital signature. | 2 |
| 8. | Name four data backup devices / medium. | 2 |
| 9. | Define cell padding and cell spacing with respect to tables in HTML. | 2 |
| 10. | How is a comment line given in XML document? | 2 |
| 11. | Differentiate between and tag with suitable example. | 3 |
| 12. | What is the purpose of tag and mention its two attributes along with their purpose? | 3 |
| 13. | What is e-Learning? Mention any two main benefits of e-learning with respect to the use of Information Technology. | 3 |

14. Differentiate between Crackers & Hackers.

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OR

Ishan, a trainee in a multinational bank has just got his first official computer with internet facility in his office. Explain him about Malware, its types and any two precautionary measures should be taken for information security.

15. Write the HTML code to generate the following web page with the given below specifications:

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- (a) Bordered table should have background color in pink.
- (b) Table's header row with a heading "DIWALI FESTIVAL DISCOUNT 2018" should spread over four cells.
- (c) After heading row, first cell of next row should spread over five rows with an image named "it.jpg" stored in d: drive.
- (d) Set the space between the cell wall and the cell content to 20 pixels and set the space between the cells to 20 pixels.
- (e) At the bottom of the page, a link to next page is there which is linked to another webpage named "next.html".

DIWALI FESTIVAL DISCOUNT 2018			
	S.NO	PURCHASE AMOUNT	DISCOUNT
	1	0-2000	Nil
	2	2001-5000	10%
	3	5001-7000	15%
	4	>7000	20%

16. Attempt any one question out of the given two:

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- A. Sahiba, a website designer with “International Designers Pvt. Ltd.” has written the following code. Observe the code given below and answer the following questions:

```
<company>
  <employee eid=1>
    <name>Albert</name>
    <deptdeptid="d1">Computer</dept>
  </employee>
  <employee eid=2>
    <name>Manisha</name>
    <deptdeptid="d2">Accounts</dept>
  </employee>
</company>
```

- i. Are these tags part of HTML code or XML code?
- ii. Identify the root element.
- iii. Mention any two child elements.
- iv. Mention any two attributes.
- v. An xml document can have more than one root element. Is it true or false?

OR

- B. Vani, a class X student has recently completed her HTML course and just started learning XML. Help her in the following:

- i. Mention her any one main difference between HMTL and XML.
- ii. She has been told that “All major browsers have a built-in XML parser to access and manipulate XML”. Is this statement right or wrong?
- iii. Explain her the purpose of comments in XML document.
- iv. Tell her the syntax to put comments in XML documents.
- v. Explain her the meaning of well-formed XML documents.

End of the Question Paper