

UNIT 1 Web Development Process, Front End Tools

Web site planning and design

Question 1 : What is a CMS in web design

- a) Content Management System
- b) Creative Management System
- c) Content Mixing System
- d) Creatives Managerial System

Answer : a (Content Management System)

Question 2 : To make your website mobile friendly, you can make your website

- a) Responsive
- b) Reactive
- c) Fast Loading
- d) Light

Answer : a (Responsive)

Question 3 : What does CSS stand for

- a) Current Style Sheets
- b) Current Sheets Style
- c) Cascading Style Sheets
- d) Cascading Sheets Style

Answer : c (Cascading Style Sheets)

Question 4 : Which of the following statements is false

- a) You can make a website without using HTML
- b) You can make a website without using PHP
- c) You can make a website without using CSS

d) You can make a website without using Javascript

Answer : a (You can make a website without using HTML)

Question 5 : What is WordPress

a) It is a software used to press text

b) It is a text formatting software

c) It is a CMS (Content Management System)

d) It is mail service

Answer : c (It is a CMS)

Question 6 : SQL stands for

a) Structured Query Language

b) Statistical Query Language

c) Superior Questions Lot

d) Standard Query Lot

Answer : a (Structured Query Language)

Question 7 : Which of the following is true about Javascript

a) It is a server side scripting language

b) It is client side scripting language

c) It is a Software

d) It is a database

Answer : b (It is client side scripting language)

Question 7 : Which of the following is true about PHP

a) It is a server side scripting language

b) It is client side scripting language

c) It is a Software

d) It is a database

Answer : a (It is a server side scripting language)

Question 8 : Which of the following is true

- a) You need a server to host your website files
- b) You don't need a server to host your website files
- c) You can create a website without using HTML
- d) You can't create a website without a CMS

Answer : a (You need a server to host your website files)

Question 9 : Which of the following softwares could be used to build a website

- a) Power Point
- b) Excel
- c) Dream Weaver
- d) ERP

Answer : c (Dream Weaver)

Question 10 : Which of the following is not a CMS

- a) WordPress
- b) Drupal
- c) Magneto
- d) SAP

Answer : d (SAP)

Question 11 : Which of the following statements is false about hosting

- a) Shared hosting is cheaper than dedicated hosting
- b) Shared hosting is safer than dedicated hosting
- c) Dedicated hosting is safer than shared hosting

d) Though more expensive than shared hosting, Dedicated hosting is more secure

Answer : b (Shared hosting is safer than dedicated hosting)

Question 12 : Which of the following is not a web hosting company

a) Hostgator

b) Blue Host

c) WPX Hosting

d) Facebook

Answer : d (Facebook)

Question 13 : Which of the following statements is true

a) The web designer shouldn't just be concerned about the looks but also about user interface

b) Usability is very important in web design

c) a and b

d) None of the above

Answer : c (a & b)

Question 14 : Which of the following is true

a) Extensive use of Flash is bad from usability point of view

b) Design should be free from clutter

c) Looks are more important than Usability

d) a & b

Answer : d (a & b)

HTML ,CSS ,XML

Question 1

HTML(Hypertext Markup Language) has language elements which permit certain actions other than describing the structure of the web document. Which one of the following actions is NOT supported by pure HTML (without any server or client side scripting)pages?

- A Embed web objects from different sites into the same page
- B Refresh the page automatically after a specified interval
- C Automatically redirect to another page upon download
- D Display the client time as part of the page

Ans:D

Question 2

Consider the HTML table definition given below:

```
< table border=1> <tr> <td rowspan=2> ab </td> <td colspan=2> cd </td> </tr> <tr> <td> ef  
</td> <td rowspan=2> gh </td> </tr> <tr> <td colspan=2> ik </td> </tr> </table>
```

The number of rows in each column and the number of columns in each row are:

- A (2, 2, 3) and (2, 3, 2)
- B (2, 2, 3) and (2, 2, 3)
- C (2, 3, 2) and (2, 3, 2)
- D (2, 3, 2) and (2, 2, 3)

Ans:C

Question 3

Which of the following is an advantage of putting presentation information in a separate CSS file rather than in HTML itself?

- A The content becomes easy to manage
- B Becomes easy to make site for different devices like mobile by making separate CSS files
- C CSS Files are generally cached and therefore decrease server load and network traffic.
- D All of the above

Ans:D

Question 4

Which of following statements is/are False?

1. XML overcomes the limitations in HTML to support a structured way of organizing content.
2. XML specification is not case sensitive while HTML specification is case sensitive.
3. XML supports user defined tags while HTML uses pre-defined tags.
4. XML tags need not be closed while HTML tags must be closed.

- A 2 only
- B 1 only
- C 2 and 4 only
- D 3 and 4 only

Ans:C

Question 5

In a web server, ten WebPages are stored with the URLs of the form `http://www.yourname.com/var.html`; where, var is a different number from 1 to 10 for each Webpage. Suppose, the client stores the Webpage with var = 1 (say W1) in local machine, edits and then tests. Rest of the WebPages remains on the web server. W1 contains several relative URLs of the form “var.html” referring to the other WebPages. Which one of the following statements needs to be added in W1, so that all the relative URLs in W1 refer to the appropriate WebPages on the web server?

- A <a.href: “http://www.yourname.com/”, href: “...var.html”>
- B <base href: “http://www.yourname.com/”>
- C <a.href: “http://www.yourname.com/”>
- D <base href: “http://www.yourname.com/”, range: “...var.html”>

Ans:B

Question 6

Consider an XML file called intro.xml and a document type definition (DTD) file intro.dtd as follows:

intro.xml

```
<?xml version = "1.0"?>

<!DOCTYPE myMessage SYSTEM "intro.dtd">

<myMessage>

<message>Welcome to XML</message>

</myMessage>
```

intro.dtd

```
<! ELEMENT myMessage (message)>

<! ELEMENT message (#PCDATA)>
```

A validating parser will classify intro.xml as

- A Well-formed and validated
- B Well-formed but not validated
- C Validated but not well-formed

Ans:A

Question 7

Given below are several usages of the anchor tag in HTML.

1. <A HREF = "<http://www.gate.ac.in/HTML/BASIC/testpage.html>">Test Me
2. Test Me
3. Test Me
4. Test Me

Which of the above are valid?

- A I and II only
- B I and III only
- C I, II and III only
- D I, II, III and IV

Ans:D

Question8

Consider the three commands : PROMPT, HEAD and RCPT. Which of the following options indicate a correct association of these commands with protocols where these are used?

- A HTTP, SMTP, FTP
- B FTP, HTTP, SMTP
- C HTTP, FTP, SMTP
- D SMTP, HTTP, FTP

Ans:B

Question 9

A HTML form is to be designed to enable purchase of office stationery. Required items are to be selected (checked). Credit card details are to be entered and then the submit button is to be pressed. Which one of the following options would be appropriate for sending the data to the server. Assume that security is handled in a way that is transparent to the form design.

- A Only GET
- B Only POST
- C Either of GET or POST
- D Neither GET nor POST

Ans: B

Question 10

Given below is an excerpt of an xml specification.

```
<Book>
<title> GATE 2005 </title>
<type value = "BROCHURE"/>
<accno>10237623786</accno>
</Book>
<Book>
<type value = "FICTION"/>
<accno>0024154807</accno>
</Book>
```

Given below are several possible excerpts from "library.dtd". For which excerpt would the above specification be valid?

- A <!ELEMENT Book (title+, type, accno)> <!ELEMENT title (#PCDATA)> <!ELEMENT type EMPTY> <!ATTLIST type value (BROCHURE/FICTION/TECHNICAL)> <!ELEMENT accno (#PCDATA)>
- B <!ELEMENT Book (title?, type, accno)> <!ELEMENT title (#PCDATA)> <!ELEMENT type ATTLIST> <!ATTLIST type value (BROCHURE/FICTION/TECHNICAL)> <!ATTLIST accno value (#PCDATA)>
- C <!ELEMENT Book (title*, type, accno)> <!ELEMENT title (#PCDATA)> <!ELEMENT type

```
ATTLIST> <!ATTLIST type value (BROCHURE/FICTION/TECHNICAL)> <!ELEMENT  
accno (#PCDATA)>  
<!ELEMENT Book (title?, type, accno)> <!ELEMENT title (#PCDATA)> <!ELEMENT type  
D EMPTY> <!ATTLIST type value (BROCHURE/FICTION/TECHNICAL)> <!ELEMENT  
accno (#PCDATA)>
```

Ans:D

Question 10.From which tag descriptive list starts ?

- [A.](#) <LL>
- [B.](#) <DD>
- [C.](#) <DL>
- [D.](#) <DS>

Ans:C

Question 11.How can you make an e-mail link?

- [A.](#) <mail href +"xxx@y.com">
- [B.](#)
- [C.](#)
- [D.](#) Both (b) and (c)

Ans: B

Question 12 The behaviour of the document elements in XML can be defined by

- A Using document object
- B Registering appropriate event handlers
- C Using element object
- D All of the above

Question 13 Which of the following is TRUE only for XML but NOT HTML?

- A It is derived from SGML
- B It describes content and layout
- C It allows user defined tags
- D It is restricted only to be used with web browsers

1. A webpage displays a picture. [What tag was used](#) to display that picture?
 - a. picture
 - b. image
 - c. img
 - d. src
2. tag makes the enclosed text bold. What is other tag to make text bold?
 - a.
 - b. <dar>
 - c. <black>
 - d. <emp>
3. [Tags](#) and text that are not directly displayed on the page are written in _____ section.
 - a. <html>
 - b. <head>
 - c. <title>
 - d. <body>
4. Which tag inserts a line horizontally on your web page?
 - a. <hr>
 - b. <line>
 - c. <line direction="horizontal">
 - d. <tr>
5. What should be the first tag in any HTML document?
 - a. <head>
 - b. <title>
 - c. <html>
 - d. <document>
6. Which tag allows you to add a row in a table?
 - a. <td> and </td>
 - b. <cr> and </cr>
 - c. <th> and </th>
 - d. <tr> and </tr>
7. How can you make a bulleted list?
 - a. <list>
 - b. <nl>
 - c.
 - d.
8. How can you make a numbered list?
 - a. <dl>
 - b.
 - c. <list>
 - d.

s9. How can you make an e-mail link?

- a.
- b. <mail href="xxx@yyy ">
- c. <mail>xxx@yyy </mail>
- d.

10. What is the correct HTML for making a hyperlink?

- a. ICT Trends Quiz
- b. ICT Trends Quiz
- c. <<https://mcqsets.com>
- d. url="https://mcqsets.com ">ICT Trends Quiz

11. Choose the correct HTML tag to make a text italic

- a. <ii>
- b. <italics>
- c. <italic>
- d. <i>

12. Choose the correct HTML tag to make a text bold?

- a.
- b. <bold>
- c. <bb>
- d. <bld>

13. What is the correct HTML for adding a background color?

- a. <body color="yellow">
- b. <body bgcolor="yellow">
- c. <background>yellow</background>
- d. <body background="yellow">

14. Choose the correct HTML tag for the smallest size heading?

- a. <heading>
- b. <h6>
- c. <h1>
- d. <head>

15. What is the correct HTML tag for inserting a line break?

- a.

- b. <lb>
- c. <break>
- d. <newline>

16. What does vlink attribute mean?

- a. visited link
- b. virtual link
- c. very good link
- d. active link

17. Which attribute is used to name an element uniquely?
- a. class
 - b. id
 - c. dot
 - d. all of above
18. Which tag creates a check box for a form in HTML?
- a. <checkbox>
 - b. <input type="checkbox">
 - c. <input=checkbox>
 - d. <input checkbox>
19. To create a combo box (drop down box) which tag will you use?
- a. <select>
 - b. <list>
 - c. <input type="dropdown">
 - d. all of above
20. Which of the following is not a pair tag?
- a. <p>
 - b. < u >
 - c. <i>
 - d.
21. To create HTML document you require
- a. web page editing software
 - b. High powered computer
 - c. Just a notepad can be used
 - d. None of above
22. The special formatting codes in HTML document used to present content are
- a. tags
 - b. attributes
 - c. values
 - d. None of above
23. HTML documents are saved in
- a. Special binary format
 - b. Machine language codes
 - c. ASCII text
 - d. None of above
24. Some tags enclose the text. Those tags are known as
- a. Couple tags
 - b. Single tags
 - c. Double tags
 - d. Pair tags

25. The _____ character tells browsers to stop tagging the text
- a. ?
 - b. /
 - c. >
 - d. %

Q. Can I download the MCQ banks in MCQSets.com?

- a. Yes, do a search in mcqsets.com site
- b. Yes, some files are offered to download free
- c. mcqSets.com has download sections
- d. The downloads are available as PDF files

26. In HTML document the tags

- a. Should be written in upper case
- b. should be written in lower case
- c. should be written in propercase
- d. can be written in both uppercase or lowercase

27. Marquee is a tag in HTML to

- a. mark the list of items to maintain in queue
- b. Mark the text so that it is hidden in browser
- c. Display text with scrolling effect
- d. None of above

28. There are _____ different of heading tags in HTML

- a. 4
- b. 5
- c. 6
- d. 7

29. To create a blank line in your web page

- a. press Enter two times
- b. press Shift + Enter
- c. insert
 tag
- d. insert <BLINE>

30. Which of the following is not a style tag?

- a.
- b. <tt>
- c. <i>
- d. All of above are style tags

31. The way the browser displays the object can be modified by _____

- a. attributes
- b. parameters
- c. modifiers
- d. None of above

32. Which of the following HTML code is valid?

- a.
- b.
- c. <red>
- d. All of above are style tags

33. Which of the following is an attribute related to font tag?

- a. size
- b. face
- c. color
- d. All of above are style tags

34. HTML supports

- a. ordered lists
- b. unordered lists
- c. both type of lists
- d. does not support those types

35. What tag is used to list individual items of an ordered list?

- a. LI
- b. OL
- c. UL
- d. None of above

36. When should you use path along with file name of picture in IMG tag?

- a. path is optional and not necessary
- b. when the location of image file andhtml file are different
- c. when image file and html file both are on same location
- d. path is always necessary when inserting image

37. Which of the following is not a valid alignment attribute?

- a. Left
- b. Right
- c. Top
- d. All of above

38. Which attribute is used withimg tag to display the text if image could not load in browser?

- a. description
- b. name
- c. alt
- d. id

39. Which attribute can be used with BODY tag to set background color green?

- a. background="green"
- b. bgcolor="green"
- c. vlink="green"
- d. None of above

40. Which attribute you'll use with TD tag to merge two cells horizontally?
- merge=colspan2
 - rowspan=2
 - colspan=2
 - merge=row2
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 -

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- b. <a name="<http://mcqsets.com>">MCQ Sets Quiz
- c. <<http://mcqsets.com>
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- a. <select>
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- c. <input type="dropdown">
- d. all of above

60. Which of the following is not a pair tag?

- a. <p>
- b. < u >
- c. <i>
- d.

61. What is the full form of HTML?

- a. Hyper text markup language
- b. Hyphenation text markup language
- c. Hyphenation test marking language
- d. Hyper text marking language

62. What is the full form of HTTP?

- a. Hyper text transfer protocol
- b. Hyper text transfer package

- c. Hyphenation text test program
- d. none of the above

63. What is a search engine?

- a. a program that searches engines
- b. a web site that searches anything
- c. a hardware component
- d. a machinery engine that search data

64. What is the full form of TCP/IP?

- a. transmission control protocol / internet protocol
- b. telephone call protocol / international protocol
- c. transport control protocol / internet protocol
- d. none of the above

65. HTML document start and end with which tag pairs?

- a. <HEAD>....</HEAD>
- b. <BODY>....</BODY>
- c. <HTML>....</HTML>
- d. <WEB>....</WEB>

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66. Which tag is used to create body text in HTML?

- a. <HEAD>
- b. <TEXT>
- c. <TITLE>
- d. <BODY>

67. "Yahoo", "Infoseek" and "Lycos" are _____?

- a. Search Engines
- b. Browsers
- c. News groups
- d. None of the above

68. What does the .com domain represents?

- a. Education domain
- b. Commercial domain
- c. Network
- d. None of the above

69. In Satellite based communication, VSAT stands for?

- a. Very Small Aperture Terminal
- b. Varying Size Aperture Terminal
- c. Very Small Analog Terminal
- d. None of the above

70. Outlook Express is a _____

- a. E-Mail Client
- b. Browser
- c. SearchEngine
- d. None of the above

71. <TITLE> ... </TITLE> tag must be within _____

- a. Title
- b. Form
- c. Header
- d. Body

72. Text within ... tag is displayed as _____

- a. bold
- b. italic
- c. list
- d. indented

73. Text within ... tag is displayed as _____

- a. bold
- b. italic
- c. list
- d. indented

74. ... tag is used to _____

- a. display the numbered list
- b. underline the text
- c. display the bulleted list
- d. bold the text

75. Which tag is used to display the numbered list?

- a.
- b. <DL></DL>
- c.
- d.

76. Which tag is used to display the large font size?

- a. <LARGE></LARGE>
- b. <BIG></BIG>
- c. < SIZE ></SIZE>
- d.

77. <SCRIPT> ... </SCRIPT> tag can be placed within _____

- a. Header
- b. Body
- c. both A and B
- d. none of the above

78. using <P> tag will

- a. start a new paragraph
- b. break the line
- c. end the current paragraph
- d. none of the above

79. <TD> ... </TD> tag is used for _____

- a. Table heading
- b. Table Records
- c. Table row
- d. none of the above

80. Which is true to change the text color to red?

- a. <BODY BGCOLOR=RED>
- b. <BODY TEXT=RED>
- c. <BODY COLOR=RED>
- d. none of the above

81. With regards to e-mail addresses:

- a. they must always contain an @ symbol
- b. they can never contain spaces
- c. they are case-insensitive
- d. all of the above

82. A homepage is _____

- a. an index of encyclopedia articles
- b. where all Internet data is stored
- c. required for access to the Internet
- d. the first page of a website

83. Which of the following is used to explore the Internet?

- a. Browser
- b. Spreadsheet
- c. Clipboard
- d. Draw

Q. You can use mcqSets.com for

- a. Online quiz
- c. Downloads

84. What is Internet Explorer?

- a. An Icon
- b. A File Manager
- c. A Browser
- d. The Internet

85. What do I need to get onto the Internet?

- a. Computer
- b. Modem

- c. Browser
- d. All of the above

86. What is an ISP?

- a. nternet System Protocol
- b. nternal System Program
- c. Internet Service Provider
- d. None of the above

87. Which of the following is valid IP address?

- a. 984.12.787.76
- b. 192.168.321.10
- c. 1.888.234.3456
- d. 192.168.56.115

88. Which is not a domain name extension

- a. mil
- b. org
- c. .int
- d. .com

89. What is a FTP program used for?

- a. Transfer files to and from an Internet Server
- b. Designing a website
- c. Connecting to the internet
- d. None of the above

90. Which of the following are commonly found on web pages?

- a. nternet
- b. hyperlinks
- c. intranet
- d. all of the above

91. What is the correct syntax in HTML for creating a link on a webpage?

- a. <LINK SRC= "mcqsets.html">
- b. <BODY LINK = "mcqsets.html">
- c.
- d. < A HREF = "mcqsets.html">

92. Which of the following is an attribute of <Table> tag?

- a. SRC
- b. LINK
- c. CELLPADDING
- d. BOLD

93. Choose the correct HTML tag to make the text bold?

- a.
- b. <BOLD>

- c.
- d. Both A) and C)

94. Which HTML tag would be used to display power in expression $(A+B)^2$?

- a. <SUP>
- b. <SUB>
- c.
- d. <P>

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- a. Online quiz
- b. MCQ Banks
- c. Downloads
- d. Subjective Questions & answers

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95. Choose the correct HTML code to create an email link?

- a.
- b.
- c. <MAIL>admin@mcqsets.com </MAIL>
- d. MAILHREF = "">

96. Choose the correct HTML tag for the largest heading?

- a. <H1>
- b. <H6>
- c. <H10>
- d. <HEAD>

97. Output of XML document can be viewed in a

- a. Word Processor
- b. Web browser
- c. Notepad
- d. None of the above

98. What is the correct way of describing XML data?

- a. XML uses a DTD to describe data
- b. XML uses a description node to describe data
- c. XML uses XSL to describe the data
- d. XML uses a validator to describe the data

99. Comments in XML document is given by:

- a. <?-- __-->
- b. <!-- __--!>
- c. <!-- __-->
- d. </__-->

100. Which statement is true?

- a. An XML document can have one root element

- b. An XML document can have one child element
- c. XML elements have to be in lowercase
- d. All of the above

Correct Answers of HTML MCQ Questions

Q.No-Correct Answer

1 - c 2 - a 3 - b 4 - a 5 - c 6 - d 7 - c 8 - b 9 - d 10 - a
11 - d 12 - a 13 - b 14 - b 15 - a 16 - a 17 - b 18 - b 19 - a 20 - d
21 - c 22 - a 23 - c 24 - d 25 - b 26 - d 27 - c 28 - c 29 - c 30 - d
31 - a 32 - b 33 - d 34 - c 35 - a 36 - b 37 - c 38 - c 39 - b 40 - c
41 - c 42 - a 43 - b 44 - a 45 - c 46 - d 47 - c 48 - b 49 - d 50 - a
51 - d 52 - a 53 - b 54 - b 55 - a 56 - a 57 - b 58 - b 59 - a 60 - d
61 - a 62 - a 63 - b 64 - a 65 - c 66 - d 67 - a 68 - b 69 - a 70 - a
71 - c 72 - b 73 - a 74 - c 75 - a 76 - b 77 - c 78 - a 79 - b 80 - b
81 - d 82 - d 83 - a 84 - c 85 - d 86 - c 87 - d 88 - c 89 - a 90 - b
91 - d 92 - c 93 - d 94 - a 95 - b 96 - a 97 - b 98 - c 99 - c 100 - a