

TEST

WEB TECHNOLOGIES

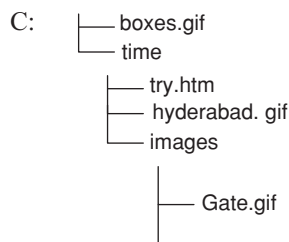
Time: 60 min.

Directions for questions 1 to 30: Select the correct alternative from the given choices.

- The _____ tag contains information about the document including its title, scripts used, style definitions and documentation descriptions.
 - <Head>
 - <Body>
 - <HTML>
 - <Title>
- Is it easier to process XML than HTML?
 - Yes
 - No
 - Sometimes
 - Can't say
- Which of the following tags is the smallest heading tag?
 - <H1>
 - <H6>
 - <H0>
 - <H8>
- In XML
 - the internal DTD subset is read before the external DTD
 - the external DTD subset is read before the internal DTD
 - there is no external type of DTD
 - there is no internal type of DTD
- Attribute standalone = "no" should be included in XML declaration if a document
 - is linked to an external XSL style sheet
 - has external general references
 - has processing instructions
 - has an external DTD
- Which of the following XML fragments are well-formed?
 - <myEle myAtt = 'val1 = val2' />
 - <myEle myAtt = 'val1>val2' />
 - <myEle myAtt = 'val1>val2' />
 - None of the above
- Parameter entities can appear in
 - XML file
 - DTD file
 - XSL file
 - Both (A) and (B)
- The use of a DTD in XML document is
 - required when validating XML document
 - no longer necessary after the XML editor has been customized
 - used to direct conversion using an XSLT processor
 - a good guide to populating a template to be filled in when generating an XML document automatically.
- To add the attribute named 'Branch' to the <Time> tag the syntax will be
 - <Time attribute Branch = "DSNR">
 - <Time Branch attribute = "DSNR">
 - <Time Branch = "DSNR">
 - None of these
- The syntax for parameter entity is
 - <!ELEMENT % NAME DEFINITION>
 - <!ENTITY % NAME DEFINITION>
 - <!ENTITY \$ NAME DEFINITION>
 - <ENTITY % NAME DEFINITION>
- A schema can be named using the name attribute like
 - <schema attribute = "schema1">
 - <schema nameattribute = "schema1">
 - <schema nameattri = "schema1">
 - <schema name = "schema1">
- A schema describes
 - grammar
 - vocabulary
 - structure
 - data type of XML document
 - (i) and (ii)
 - (iii) and (iv)
 - Both (A) and (B)
 - None of the above
- The XML DOM object is
 - an attribute
 - entity reference
 - comment reference
 - comment data
- The default model for COMPLEXTYPE, in XML schema for element is
 - text only
 - element only
 - no default type
 - Both (A) and (B)
- To create a choice in XML schemas, we use
 - <xsd: select> element
 - <xsd: multi> element
 - <xsd: choice> element
 - <xsd: single> element
- To bind the HTML element <INPUT> Type in text with the data source "dsoCustomer" we use
 - <INPUT TYPE = "TEXT" DATAFIELD = "#dsoCustomer">
 - <INPUT TYPE = "TEXT" DATASRC = "dsoCustomer">
 - <INPUT TYPE = "TEXT" DATASRC = "#dsoCustomer">
 - <INPUT TYPE = "TEXT" DATAFLD = "*"dsoCustomer">
- The attribute used to define a new namespace is
 - XMLN Space
 - Xml Name Space
 - Xmlns
 - XmlNs
- Identify the most accurate statement about the application of XML:
 - XML must be used to produce XML and HTML output.
 - XML can not specify or contain presentation information.

- (C) XML is used to describe hierarchically organized information.
 - (D) XML performs the conversion of information between different e-business applications.
19. What is an XML namespace?
- (A) A set of names applied to specific spaces within an XML document, such as the head and body.
 - (B) A set of names representing a specific XML vocabulary.
 - (C) Both (A) and (B)
 - (D) None of these
20. The standard model for network application is
- (A) producer consumer model
 - (B) node-node model
 - (C) system-system model
 - (D) client-server model
21. Which is/are example of service(s) that a server can provide?
- (A) Return the time-of-day to the client.
 - (B) Print a file for the client
 - (C) Execute a command for the client on the server's system
 - (D) All of the above
22. Print a file, read or write a file for client are handled in a
- (A) iterative fashion
 - (B) concurrent fashion
 - (C) Both (A) and (B)
 - (D) None of these

Common data for questions 23 and 24: Consider working with the file try.htm and provided the following directory structure:



23. The tag specification to use boxes.gif file as back-ground will be
- (A) <Body BACKGROUND = “/boxes.gif”>
 - (B) BODY BACKGROUND = “/boxes.gif
 - (C) <BODY BACKGROUND = “boxes.gif”>
 - (D) <BODY BACKGROUND = “#boxes.gif”>
24. The tag specification to use gate.gif file as back ground will be
- (A) <BODY BACKGROUND = “../gate.gif”>
 - (B) <BODY BACKGROUND = “.gate.gif”>
 - (C) <BODY BACKGROUND = “images/gate.gif”>
 - (D) None of these.
25. Consider below HTML code:
- (1) <HTML>
 - (2) <FRAMESET ROWS = “30%, *”>
 - (3) <FRAMESET COLS = “50%, 50%”>
 - (4) <FRAME Src = “file1. html”>
 - (5) <FRAME Src = “File2.html”>
 - (6) </FRAMESET>
 - (7) <FRAMESET COLS = “50%, 50%”>
 - (8) <FRAME Src = “File3.html”>
 - (9) <FRAME Src = “File4.HTML”>
 - (10) </FRAMESET>
 - (11) </FRAMESET>
 - (12) </HTML>
- We can embed <BODY> tag at line number.
- (A) 2
 - (B) 11
 - (C) Anywhere
 - (D) No where
26. What is the purpose of <area> tag?
- (A) It defines an area inside a table.
 - (B) It defines an area inside an image map.
 - (C) It defines the area of total HTML code.
 - (D) Both (A) and (B)
27. Which of the following tag is used to define a section in a document?
- (A) <frame>
 - (B)
 - (C) <div>
 - (D) <wbr>
28. Which of the following is not a syntax rule of an XML document?
- (A) All XML tags must have a closing tag.
 - (B) All XML tags are case-sensitive.
 - (C) XML elements must be properly nested.
 - (D) XML documents may or may not have a root tag.
29. XML documents follow which structure?
- (A) Graph
 - (B) Tree
 - (C) Stack
 - (D) Queue
30. Which of the following is an advantage of client-server computing?
- (A) Client-server computing provides cost-effective user interface.
 - (B) Client-server computing provides storage for data.
 - (C) Client-server computing provides application services.
 - (D) All the above

ANSWER KEYS

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|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1. A | 2. A | 3. B | 4. A | 5. D | 6. C | 7. B | 8. A | 9. C | 10. B |
| 11. D | 12. C | 13. B | 14. B | 15. C | 16. C | 17. C | 18. C | 19. B | 20. D |
| 21. D | 22. B | 23. A | 24. C | 25. D | 26. B | 27. C | 28. D | 29. B | 30. D |