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2. Answer the questions.
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QNO	Question	Answer
1.	<p>The method of marking up parts of a document with "tags" originated from:</p> <ul style="list-style-type: none"> a. ASP b. PHP c. Java d. C# e. SGML 	
2.	<p>The list of elements, attributes, entities and other declarations by which the tags mark up the text are called:</p> <ul style="list-style-type: none"> a. DTD b. Java c. JSP d. ASP e. None of the above. 	
3.	<p>Which is not used by HTML?</p> <ul style="list-style-type: none"> a. Publish online documents with headings, text, tables, lists, photos, etc. b. Retrieve online information via hypertext links, at the click of a button. c. Design forms for conducting transactions with remote services, for use in searching for information, making reservations, ordering products, etc. d. Include spreadsheets, video clips, sound clips, and other applications directly in their documents. e. None of the above; they are all used. 	
4.	<p>XML provides a facility to define (two answers):</p> <ul style="list-style-type: none"> a. Tags b. Structural relationships between tags c. Configuration d. Semantics e. Algorithms 	
5.	<p>Which is not an advantage associated with XML?</p> <ul style="list-style-type: none"> a. The data is self-describing. b. The data is always small. c. The data can be manipulated with standard tools. d. The data can be viewed with standard tools. e. Different views of the same data can be created with style sheets. 	
6.	<p>Which is not associated with XML as an advantage as compared to other formats when storing information?</p> <ul style="list-style-type: none"> a. XML allows developers to create their own labeled structures for storing information. b. XML parsing is well-defined and widely implemented, making it possible to retrieve information from XML documents in a variety of environments. c. XML is built on a Unicode foundation, making it easier to create internationalized documents. d. Applications can rely on XML parsers to perform structural validation, as well as data type checking when schemas are used. e. XML formats is not text-based, making them more readable, easier to document, and sometimes easier to debug. 	

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7.	<p>The specification which defines the standard stylesheet language for XML is:</p> <ul style="list-style-type: none"> a. XML b. XSL c. XPointer d. CSS e. None of the above. 	
8.	<p>XML data can also be stored inside HTML pages as:</p> <ul style="list-style-type: none"> a. Chunks b. Threads c. Data Islands d. Schemas e. None of the above. 	
9.	<p>XML _____ lets developers qualify element names in a recognizable manner to avoid conflicts between elements with the same name.</p> <ul style="list-style-type: none"> a. imports b. namespaces c. HFS d. XSLT e. None of the above. 	
10.	<p>The XML _____ in the browser can read a string of XML data, process it, generate a structured tree, and expose all data elements as objects using the DOM.</p> <ul style="list-style-type: none"> a. Plug-in b. Tree c. Parser d. Meta Program e. None of the above. 	
11.	<p>The _____ is a de facto API Application Program Interface which defines a standard for developers to interact with the elements of the XML structured tree.</p> <ul style="list-style-type: none"> a. DOM b. ASP c. SDK d. RMI e. None of the above. 	
12.	<p>The XML _____ typically appears as the first line in an XML document.</p> <ul style="list-style-type: none"> a. Import b. Declaration c. DTD d. Stylesheet e. Master 	
13.	<p>The xml-stylesheet processing instruction must appear in the _____.</p> <ul style="list-style-type: none"> a. Declarations b. Body c. Interface d. Prolog e. None of the above. 	

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14.	<p>The DOCTYPE declaration provides a space for a document to identify its _____ element and DTD - document type definition by reference to an external file, through direct declarations, or both.</p> <p>a. Root b. Context c. Description d. b and c e. None of the above.</p>	
15.	<p>XML comments begin with a:</p> <p>a. /* b. <!-- c. -- d. ?/ e. None of the above.</p>	
16.	<p>Which of the following is NOT true:</p> <p>a. All elements must have names. b. Element names are case-sensitive. c. Element names must start with a letter or underscore. d. An element name can contain letters, digits, hyphens, underscores, and periods. e. They are all true.</p>	
17.	<p>Entity references are a markup that is replaced with character data when the document is parsed. Which of the following is an example of entity references.</p> <p>a. /LT b. -t c. &amp; d. return-code e. None of the above.</p>	
18.	<p>CDATA sections are used when:</p> <p>a. All text is required to be interpreted as pure character data rather than as markup. b. Data is to be translated to another format. c. There are separate sections of data. d. b and c. e. None of the above.</p>	
19.	<p>A document can only be _____ if it complies with the syntax of XML.</p> <p>a. Compiled b. Well-formed c. Transformed d. Processed e. None of the above.</p>	
20.	<p>A document type definition does not contain:</p> <p>a. elements b. attributes c. kernel d. notations e. entities</p>	

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21.	<p>SAX, the Simple API for XML, is based on two interfaces, the XMLReader interface that represents the parser and the _____ interface that receives data from the parser.</p> <p>a. XMLParser b. XMLReaderP c. ContentHandler d. XMLSAX e. a or b</p>	
22.	<p>SAX was designed around abstract interfaces rather than concrete classes in order that it could be layered on top of _____ existing native APIs.</p> <p>a. Validater b. Parsers c. Interpreter d. Compiler e. Executor</p>	
23.	<p>SAX uses the _____ design pattern to tell client applications what's in a document.</p> <p>a. Blanket b. Reference c. Crimson d. Observer e. None of the above.</p>	
24.	<p>A single XMLReader may parse multiple documents and may do so with the same ContentHandler. Consequently it will be important to ascertain where one document ends and the next document begins. In order to provide this information, the parser invokes _____ as soon as it begins parsing a new document and before it invokes any other methods in ContentHandler.</p> <p>a. BeginTrans() b. startDocument() c. Document() d. Start() e. BeginDocument()</p>	
25.	<p>When the parser encounters a start-tag, it calls the _____ method.</p> <p>a. startElement() b. startTag() c. beginTag() d. Tag() e. None of the above.</p>	
26.	<p>The type of the attribute is reported as one of nine constant strings. Which is NOT an attribute type?</p> <p>a. CDATA b. ID c. CHAR d. NMTOKEN e. NMTOKENS</p>	

QNO	Question	Answer
27.	<p>The fundamental concept of _____ is that an XMLReader, instead of receiving XML text directly from a file, socket, or other source, receives already parsed events from another XMLReader.</p> <p>a. Filters b. Redirection c. XMLReader2 d. XMLExtract e. None of the above.</p>	
28.	<p>According to DOM, an XML document is a _____ made up of nodes of several types.</p> <p>a. Process b. Tree c. Stack d. Queue e. Filter</p>	
29.	<p>DOM divides nodes into twelve types, seven of which can potentially be part of a DOM tree: Which of the following is NOT one of the types?</p> <p>a. Document nodes b. Element nodes c. Text nodes d. Attribute nodes e. They are all valid.</p>	
30.	<p>The third batch of methods allow a tree to be navigated by finding the parent, first child, last child, previous and next siblings, and attributes of any node. Since not all nodes have children, the presence of these things need to be tested for _____ before calling the getFirstChild() and getLastChild() methods.</p> <p>a. isParent() b. hasChildren() c. isChild() d. getChildCount() e. None of the above.</p>	
31.	<p>DOM stores the lists of children of each node in _____ objects.</p> <p>a. NodeList b. ChildList c. ListChild d. Childs e. None of the above.</p>	
32.	<p>The generic exception for essentially anything that can go wrong while working with DOM, ranging from logical errors such as making an element one of its own children to implementation bugs is known as:</p> <p>a. XMLException b. ChildException c. DOMException d. Bug e. None of the above.</p>	

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33.	<p>The following characteristics indicate that a program should probably be using a streaming API such as SAX. Which is not a reason for using SAX?</p> <p>a. Documents will not fit into available memory. This is the only rule that really mandates one or the other. If documents are too big for available memory, then a streaming API must be used such as SAX.</p> <p>b. Documents can be processed in small contiguous chunkss of input. The entire document does not need to be available before you can do useful work.</p> <p>c. The decisions that have been made only depend on preceding parts of the document, never on what comes later.</p> <p>d. The program needs to access widely separated parts of the document at the same time.</p> <p>e. Processing can be divided up into a chain of successive operations.</p>	
34.	<p>DOM Level 3 adds a _____ method that moves a node from one document to another.</p> <p>a. adoptNode() b. moveNode() c. transferNode() d. Node(position) e. None of the above.</p>	
35.	<p>The ProcessingInstruction interface represents a processing instruction. An XML processing instruction begins with:</p> <p>a. << b. <# c. < ; d. < ? e. None of the above.</p>	
36.	<p>The Entity interface represents a parsed or unparsed general entity declared in a document's _____.</p> <p>a. XMI b. DTD c. XMA d. XPATH e. None of the above.</p>	
37.	<p>The _____ utility interface extracts a subset of the nodes in a DOM document and presents them as a list arranged in document order.</p> <p>a. NodeList b. listNodes c. NodeIterator d. Parsenodes e. TraverseNodes</p>	
38.	<p>The XPath data model does not include entity references, _____ sections, or the document type declaration.</p> <p>a. CDATA b. Attributes c. Start d. Node e. None of the above.</p>	

QNO	Question	Answer
39.	<p>A location path selects a set of nodes from an XML document. Each location path is composed of one or more location steps. Each location step has an _____, a node test and, optionally, one or more predicates.</p> <ul style="list-style-type: none">a. Positionb. Componentc. Axisd. a or be. None of the above.	
40.	<p>The DOM Document interface represents the _____ node of the tree.</p> <ul style="list-style-type: none">a. Parentb. Rootc. Childd. DocumentListe. None of the above.	