1. Which one of the following is used to describe an XML data?

Select one:

Description node

DTD

XSL

None of these

1. Identify the statement that depicts the limitation of DTD.

Select one:

All the options

It cannot specify the data type of an element or attribute

It cannot specify links between documents

It cannot handle multiple element or attribute namespaces within a single document

hich type of data is not parsed in an XML document?

Select one:

PCDATA

Simple Data

Complex Data

CDATA

1. Which is not an XML Parser?

Select one:

DOM

XPARSER

XERCES

SAX

1. Which of the following attributes is used to link XML documents to their schemas?

Select one:

xsi=schemaLocation

xsd:schemaLocation

xsi:Location

xsi:schemaLocation

1. Which of the following syntax for External DTD declaration is appropriate?

Select one:

<!DOCTYPE "filename">

<!DOCTYPE SYSTEM "filename">

None of these

<!DOCTYPE root-element SYSTEM "filename">

1. Which is syntactically wrong?

Select one:

<!ELEMENT remark (msg?)>

<!ELEMENT remark (msg!)>

<!ELEMENT remark (msg+)>

<!ELEMENT remark (msg\*)>

1. What is the correct way of declaring an XML namespace?

Select one:

xmlns:prefix=URI

xmlns:prefix="URI"

xmlns:prefix,"URI"

xmlns-prefix="URI"

1. An XML is considered as a valid XML when it is validated against \_\_\_\_\_\_\_\_\_\_\_\_.

Select one:

PARSER

CFG

DTD

JQUERY

1. Which attribute of schema element is used to identify the default namespace?

Select one:

xmlns

elementFormDefault

version

targetnamespace

1. In DTD, which symbol represents zero or more occurrences of the same element?

Select one:

\*

~

+

?

1. Fill in the following XML code:  
     
   <?*xml version*="*1.0*" *encoding*="*UTF-8*" ?>  
    <employees  blank ="http://www.lms.com/department">  
       <employee>   
          <id>1</id>  
          <name>Tom</name>  
          <salary>20000</salary>  
          < blank >Sales< blank >    
       </employee>  
   </employees>

/dept:name xmlns:dept dept:name

1. Which statement is correct for a mixed content declaration?

Select one:

<!ELEMENT student (#PCDATA|id|name|dob)\*>

<!ELEMENT student (id|name|dob|#PCDATA)\*>

<!ELEMENT student (#PCDATA|id|name|dob)>

<!ELEMENT student (id|name|dob|#PCDATA)>

1. An Element Declaration specifies \_\_\_\_\_\_\_\_\_\_\_.

Select one:

Document data

Multiple markup elements

A Single markup element

1. In DTD, which symbol signifies a minimum of one occurrence of the same element?

Select one:

~

\*

+

?

1. In a DTD, which keyword is used to declare an element if it has no content?

Select one:

Empty

Whitespace

Blank

Null

1. Identify the correct schema definition for a phone element.

Select one:

<xs:element name : "phone" type : "xs:int" />

<xs:element name = "phone" type = "xs:int" />

<xs:element name = phone, type = "xs:int" />

<xs:element name = "phone" type = "xs-int" />

1. Which is not a predefined character entity?

Select one:

'

&neq;

>

&

1. Using the referenced DTD, identify the flaw in the following XML code.

|  |  |
| --- | --- |
| **DTD** | **XML** |
| <?xml version=”1.0”?>   <!DOCTYPE folder[   <!ELEMENT folder(file)\*>   <!ELEMENT file(name?,contents+)>   <!ELEMENT name(#PCDATA)>   <!ELEMENT contents(#PCDATA)>   ]> | <folder>     <file>         <contents>This is an XML contest</contents>         <name>XML</name>     </file>  </folder> |

Select one:

There is nothing wrong with the document

The contents element should appear after the name element.

There can be more than one file element present

There should be more than one name element present.

1. Match the DTD element with the corresponding statement:

|  |  |
| --- | --- |
| Elements with any contents | Answer 1Choose...<!ELEMENT element-name (child-name\*)>  <!ELEMENT element-name ANY>  <!ELEMENT element-name (#PCDATA)>  <!ELEMENT element-name (child-name+)> |
| Elements with parsed character data | Answer 2Choose...<!ELEMENT element-name (child-name\*)>  <!ELEMENT element-name ANY>  <!ELEMENT element-name (#PCDATA)>  <!ELEMENT element-name (child-name+)> |
| Declaring zero or more occurrences of an Element | Answer 3Choose...<!ELEMENT element-name (child-name\*)>  <!ELEMENT element-name ANY>  <!ELEMENT element-name (#PCDATA)>  <!ELEMENT element-name (child-name+)> |
| Declaring minimum one occurrence of an element | Answer 4Choose...<!ELEMENT element-name (child-name\*)>  <!ELEMENT element-name ANY>  <!ELEMENT element-name (#PCDATA)>  <!ELEMENT element-name (child-name+)> |

1. Match the following:

|  |  |
| --- | --- |
| Namespaces | Answer 1Choose...for accessing and manipulating XML document.  defines the structure of an XML document  provides a way to avoid element name conflicts |
| DOM | Answer 2Choose...for accessing and manipulating XML document.  defines the structure of an XML document  provides a way to avoid element name conflicts |
| DTD | Answer 3Choose...for accessing and manipulating XML document.  defines the structure of an XML document  provides a way to avoid element name conflicts |

1. Which is not a predefined character entity?

Select one:

>

&neq;

&

'

1. Determine the namespace URI from the following line:  
   <ping:addr xmlns:ping = "www.abc.com/aboutus">

Select one:

ping

www.abc.com/aboutus

addr

ping:addr

1. What needs to be used to find out an internet resource in an XML?

Select one:

URI

URN

XMLNS

URL