

## 1. Write down the syntax rules for XML declaration.

[https://www.w3schools.com/xml/xml\\_syntax.asp](https://www.w3schools.com/xml/xml_syntax.asp)

## 2. Explain XML in brief. Differentiate well-formed and valid XML document.

<https://www.informit.com/articles/article.aspx?p=24992&seqNum=8>

## 3. How DTD is declared in XML document? Explain with an example.

[https://www.w3schools.com/xml/xml\\_dtd.asp](https://www.w3schools.com/xml/xml_dtd.asp)

## 4. Explain XQuery syntax with suitable example.

[https://www.w3schools.com/xml/xml\\_xquery.asp](https://www.w3schools.com/xml/xml_xquery.asp)

## 5. Explain XML attributes syntax with an example.

[https://www.w3schools.com/xml/xml\\_attributes.asp](https://www.w3schools.com/xml/xml_attributes.asp)

## 6. What is XPath? Describe XPath data model with an example.

[https://www.w3schools.com/xml/xml\\_xpath.asp](https://www.w3schools.com/xml/xml_xpath.asp)

## 7. Compare: HTML and XML.

The screenshot displays a web browser window with multiple tabs open. The active tab is 'HTML vs XML - GeeksforGeeks'. The page content is titled 'Difference between HTML and XML' and lists several key differences between the two markup languages. A table of contents is visible on the left side of the page, and a Canva advertisement is present in the bottom right corner.

HTML	XML
HTML stands for Hyper Text Markup Language.	XML stands for extensible Markup Language.
HTML is static.	XML is dynamic.
HTML is a markup language.	XML provides framework to define markup languages.
HTML can ignore small errors.	XML does not allow errors.
HTML is not Case sensitive.	XML is Case sensitive.
HTML tags are predefined tags.	XML tags are user defined tags.
There are limited number of tags in HTML.	XML tags are extensible.
HTML does not preserve white spaces.	White space can be preserved in XML.
HTML tags are used for displaying the data.	XML tags are used for describing the data not for displaying.
In HTML, closing tags are not necessary.	In XML, closing tags are necessary.
HTML is used to display the data.	XML is used to store data.
HTML does not carry data it just display it.	XML carries the data to and from database.

**8. List out the important XML standards.**

- [XML AJAX](#)
- [XML DOM](#)
- [XML XPath](#)
- [XML XSLT](#)
- [XML XQuery](#)
- [XML DTD](#)
- [XML Schema](#)
- [XML Services](#)

**9. Explain XSL in detail.**

[https://www.w3schools.com/xml/xml\\_xslt.asp](https://www.w3schools.com/xml/xml_xslt.asp)

**10. Write short note on XML Schema**

[https://www.w3schools.com/xml/xml\\_schema.asp](https://www.w3schools.com/xml/xml_schema.asp)