

Final exam

Q1.what is xml?

xml stands for eXtensible Markup Language. **XML** is a markup language much like HTML. **XML** was designed to store and transport data. **XML** was designed to be self-descriptive.

Q2.WHAT IS XSLT?

XSLT is a language for changing XML archives into other XML records, or different arrangements, for example, HTML for pages, plain content or XSL Formatting Objects, which may therefore be changed over to different organizations, for example, PDF, PostScript and PNG. XSLT 1.0 is broadly upheld in current internet browsers.

Q3.WHAT IS JSON?

JSON is an open standard document arrangement, and information exchange design, that utilizes comprehensible content to store and communicate information objects comprising of quality worth matches and cluster information types. It is a typical information design, with an assorted scope of uses, for example, filling in as a trade for XML in AJAX frameworks.

Q4.GIVE AN EXAMLE OF JSON?

Example of JSON

The given code example defines how to use JSON to store information related to programming books along with edition and author name.

```
{
  "book":[
    {
      "id":"444",
      "language":"C",
      "edition":"First",
      "author":"Dennis Ritchie "
    },
    {
      "id":"555",
      "language":"C++",
      "edition":"second",
```

```
    "author": " Bjarne Stroustrup "  
  }  
]  
}
```

Q5.WHAT IS API?

An application programming interface is a processing interface that characterizes connections between different programming go-betweens. It characterizes the sorts of calls or demands that can be made, how to make them, the information arranges that ought to be utilized, the shows to follow, and so on.

Q6.DEFINE BROWSE API?

A Web **API** is an application programming interface for either a web server or a web **browser**.

Q7.DEFINE THIRD-PARTY API?

Outsider APIs will be APIs given by outsiders — for the most part organizations, for example, Facebook, Twitter, or Google — to permit you to get to their usefulness by means of JavaScript and use it on your site. Perhaps the

most evident models is utilizing planning APIs to show custom guides on your pages.

Q8.GIVE AN EXAMPLE OF XML?

EXAMPLE OF XML AS BOOKSTORE.

```
<?xml
version="1.0"
encoding="UTF-
8"?>

<?xml-stylesheet type="text/css" href="mystyle.css"?>
<bookstore>
  <book>
    <title>Poèmes Français</title>
    <author>Réjean Thomas</author>
    <year>2006</year>
    <price>14.99</price>
  </book>
  <book>
    <title>Harry Potter</title>
    <author>J K. Rowling</author>
    <year>2005</year>
    <price>29.99</price>
  </book>
  <book>
    <title>Le petit prince</title>
    <author>Antoine de Saint-Exupéry</author>
    <year>1943</year>
    <price>19.99</price>
  </book>
  <book>
    <title>Learning XML</title>
    <author>Erik T. Ray</author>
    <year>2003</year>
    <price>39.95</price>
  </book>
  <book>
    <title>L'avalée des avalés</title>
    <author>Réjean Ducharme</author>
    <year>1966</year>
```

```
        <price>39.95</price>
    </book>
    <book>
        <title>Les fleurs du mal</title>
        <author>Charles Baudelaire</author>
        <year>1857</year>
        <price>49.95</price>
    </book>

</bookstore>
```

Q9.DIFFERENCE BETWEEN XML AND JSON?

The **difference between XML and JSON** is that **XML** is a meta-language/markup language and **JSON** is a lightweight data-interchange. That is, **XML** syntax is designed specifically to have no inherent semantics. ... A **JSON** parser, therefore, knows exactly what every **JSON** document means.

Q10.WHY XML IS OUTDATED?

It is anything but difficult to get specific information from XML and there are diagrams that can approve the XML. XML is utilized broadly in the present 'e' world – banking administrations, online retail

locations, incorporating modern frameworks, and so on One can put the same number of various kinds of data in the XML it actually stays basic.