**ASSIGNMENT – II**

1. **Answer the Following: ( 5\*1=5)**
2. \_\_\_\_\_\_\_\_\_\_\_ Node is considered as root node of the following XML code?

<?xml version="1.0" encoding="ISO-8859-1"?>

<book>

<bname>XML Tutorials</bname>

<pages>**100**</pages>

<price>$**300.00**</price>

</book>

a. <pages> b. <price> c. <book> d. <bname>

1. Below line of code is used for?

<?xml version="1.0" encoding="ISO-8859-1"?>

a. DTD Declaration

b. XML Starting Line

c. XML Declaration

d. XML Schema Declaration

3. \_\_\_\_\_\_\_\_\_\_ is used to check XML for syntax errors.

4. XPATH used to

a. Address your documents by specifying a location path

b. Address the server

c. Store the IP address of the server

d. None of these

5. The most popular way to materialize XML documents is to use:

a**.** DTD b. XSLT c. HTML d. SOAP

**Short Questions: (5\*1=5)**

1. **When to use XML instead of SQL?**
2. **Create XML based on this DTD.**

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

<!DOCTYPE university[

<!ELEMENT university (student)>

<!ELEMENT student (name,year)>

<!ELEMENT name (#PCDATA)>

<!ELEMENT year (#PCDATA)>

]>

1. **Describe XML parser?**
2. **How does the XML structure is defined?**
3. **Develop a code for XML attribute and element.**
4. **Long Question: ( 1\*5=5)**

<?xml version = "1.0"?>

<class>

<employee id = "001">

<firstname>Aryan</firstname>

<lastname>Gupta</lastname>

<nickname>Raju</nickname>

<salary>30000</salary>

</employee>

<employee id = "024">

<firstname>Sara</firstname>

<lastname>Khan</lastname>

<nickname>Zoya</nickname>

<salary>25000</salary>

</employee>

<employee id = "056">

<firstname>Peter</firstname>

<lastname>Symon</lastname>

<nickname>John</nickname>

<salary>10000</salary>

</employee>

</class>