

## BCA 17 Web Technology

### SET : 1

#### Section-A

(Very Short Answer Questions)

1. (i) Differentiate between HTML and XML.
- (ii) Write down any two disadvantages of using XML.
- (iii) What is the purpose of STARTDOC token in XML?
- (iv) What is non empty elements and non empty elements in XML?
- (v) What is XML schema?
- (vi) What is Xpath?
- (vii) What is XSL?
- (viii) What is XPointer?
- (ix) What is ebXML?
- (x) What is SAX?

#### Section-B

(Short Answer Questions)

- 2 How to represent the mixed data in XML? Discuss briefly.
- 3 What are the various name rules for Tag and attribute
- 4 What is XML namespace?
- 5 Write down various steps to create DTD in XML.
- 6 Explain the CSS syntax and classes in brief.
- 7 Discuss the XSL-FO List and XSL-FO Tables.
- 8 What is role of XML in eCommerce? Discuss briefly.
- 9 What are various techniques used in XML for ensuring security?

#### Section-C

(Long Answer Questions)

- 10 What do you mean by Processing Instruction for XML? Also Discuss its syntax along with appropriate example.
- 11 What are various element type are available in XML. Explain the complete classification of it.
- 12 Explain the XSLT template along with details of XSLT notations.
- 13 What is XForms? Discuss the XFrom structure along with its structure.

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**BCA 17 Web Technology**

**SET : 2**

**Section-A**

(Very Short Answer Questions)

1. (i) What is XML? For what it is used for?
- (ii) Write down any two advantages of using XML.
- (iii) What is DTD in XML?
- (iv) What is Start Tag and End Tag in XML?
- (v) What is XSD?
- (vi) How element and attributes are declared in XML?
- (vii) What is Xquery?
- (viii) What is CSS?
- (ix) What is XSLT?
- (x) What is XLink?

**Section-B**

(Short Answer Questions)

- 2 Discuss the following terminology briefly: HTML, DHTML, XHTML and XML.
- 3 What are the various rules for Well formed XML?
- 4 How to validate DTD compliance?
- 5 Discuss the process to validate XSD.
- 6 What are various functions of Xpath?
- 7 How XForms are different from HTML form?
- 8 What is XKMS? Describe its structure?
- 9 Describe the XML Digital signature.

**Section-C**

(Long Answer Questions)

- 10 Explain complete procedure of creating XML document and defining XML Structure.
- 11 Explain the element conditions and Quantifier in XML with help of appropriate example.
- 12 Describe the block, lines and Inline areas in XSL – FO.
- 13 What is XML parser? Explain the procedure to use XML parser and XML generator.

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