BCA–17

June – Examination 2024

BCA (Part III) Examination

WEB TECHNOLOGY

Paper : BCA-17

Time : 3 Hours]   *[Maximum Marks : 70*

Note :– The question paper is divided into three Sections A, B and C. Write answers as per the given instructions.

Section–A   7×2=14

(Very Short Answer Type Questions)

Note :– Answer all questions. As per the nature of the question delimit your answer in one word, one sentence or maximum up to **30** words. Each question carries 2 marks.

1. (i)   Why XML is used ?

   (ii) What is null formed XML ?

(iii) How can we access data from XML elements ?

(iv) Explain use of namespaces in XML.

(v) How can we validate DTD ?

(vi) List various primitive data types of XML scheme.

(vii) What is XPath ?

Section–B   4×7=28

(Short Answer Type Questions)

Note :– Answer any *four* questions. Each answer should not exceed **200** words. Each question carries 7 marks.

2. Differentiate HTML, XML and XHTML.

3. How can we associate XML with schema ?

4. What do you mean by Nodes ? Define various node functions.

5. What are the attributes to set the margin of page ?

6. Explain sorting in XSLT.

7. Differentiate XLink and XPointer.

8. Explain document structure of XForm.

9. What is SAX ? What is its use ?

Section–C   2×14=28

(Long Answer Type Questions)

Note :– Answer any *two* questions. You have to delimit your each answer maximum up to **500** words. Each question carries 14 marks.

10. Explain security features available in XML.

11. Explain various conditional statements can be added to XSL document.

12. Create an XSL document with XSLFO page and region.

13. What is the use of XQuery ? Write various elements of XPath.