

# BCA-17

December – Examination 2023  
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) What is XHTML ?
- (ii) What is Well Formed XML ?

- (iii) What is Empty Element ?
- (iv) What is DTD ?
- (v) What is Xpath ?
- (vi) Give difference between XLink and XPointer.
- (vii) Define the template in XSLT.

**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. Discuss advantages and disadvantages of XML.
- 3. Explain XML structure.
- 4. Explain steps of creating an XML document.
- 5. Explain quantifiers with suitable example.
- 6. What is the difference between Xpath and Xquery ?  
Define functions of Xpath.
- 7. What do you mean by CSS ? Define the various types with syntax.

- 8. Explain security in XML.
- 9. Explain the axis in XML. Define the various axes with their syntax.

**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 various tags and attributes of XML.
- 11. What do you mean by data types of XSD ? Define various types with syntax.
- 12. How to insert data in Xform ? Explain with an example.
- 13. Explain database integration with XML.