

**BCA-17**  
**December – Examination 2021**  
**BCA (Part III) Examination**  
**Web Technology**  
**Paper : BCA-17**

*Time : 1½ Hours ]*

*[ Maximum Marks : 70*

---

*Note* :- The question paper is divided into two Sections A and B. Write answers as per the given instructions.

**Section-A**

**4×3½=14**

**(Very Short Answer Type Questions)**

*Note* :- Answer any *four* 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 3½ marks.

1. (i) What is the use of XML ?
- (ii) What is URI ?
- (iii) What are internal entities ?
- (iv) What is the use of CSS ?
- (v) Why we use XML Encryption ?
- (vi) What is XML Parser ?
- (vii) What is node path ?
- (viii) Define X-query.

**Section–B**

**4×14=56**

**(Short Answer Type Questions)**

*Note* :- Answer any *four* questions. Each answer should not exceed **200** words. Each question carries 14 marks.

2. Explain the basic steps for writing XML document.
3. Differentiate the HTML, XML, and XHTML.
4. Explain the DOM (Document Object Model) in detail.

5. What is the use of empty and non-empty elements in XML ? Explain in brief.
6. What is the use of XLink and XPointer ? Explain with example.
7. What is XML-Parser and XML-Generator ? Explain both in brief.
8. Explain the basic steps for create XForm.
9. Write short notes on the following :
  - (a) XML Namespaces
  - (b) XML Validator.