

# BCA-17

June – Examination 2022

## 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 XQuery in XML ?
- (ii) How can you apply a DTD to an XML document ?
- (iii) What are empty and non-empty elements ?
- (iv) Is XML meant to be a replacement of HTML ? Justify.
- (v) Define XML Element.
- (vi) What is CSS (Cascaded Style Sheet) ?
- (vii) Give *two* benefits of using XML.
- (viii) What do you mean by URL ? Give an example.

**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. Differentiate the XML and XHTML with suitable examples.

3. Explain tag, attribute and name rules used in XML.
4. Explain the Document Object Model (DOM) in detail.
5. Give differences and similarities between XSL-FO List and Table.
6. What is DTD ? How is it useful for validating XML ? Explain with suitable example.
7. What is Canonicalization ? How it helps in security of websites ?
8. Define SOAP. How can we integrate the XML with SOAP ?
9. How to check validity of XML document ?