

# BCA-17

June – 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 XML ?
- (ii) Define the various tags and attributes of XML.

- (iii) What is XML DTD ?
- (iv) What is XPath ?
- (v) Write syntax to add style sheet in XML document.
- (vi) What is CSS ?
- (vii) What is XLink ?

**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. Define the rules to create a well formed XML.
3. What is processing instruction for XML ?
4. Discuss the use of namespace in XML.
5. Discuss the elements of X-Path.
6. Discuss the class and Id selectors in CSS.
7. Discuss different XSL-FO objects used to create lists.
8. How to use a conditional statement in XSLT ?
9. What is SOAP ? How XML is integrated with SOAP ?

**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. Write the various advantages and disadvantages of XML.
11. Discuss different primitive data types used in XML scheme.
12. What are the different security options used in XML ?
13. Write short notes on any *two* of the following :
  - (i) XForm
  - (ii) XML database
  - (iii) XML Parser
  - (iv) Canonicalization