

BCA-17
June - Examination 2019
BCA Pt. III Examination
Web Technology
Paper - BCA-17

Time : 3 Hours]

[Max. Marks :- 70

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

Section - A

7 × 2 = 14

(Very Short Answer 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) Name two categories of white spaces in XML.
- (ii) Define XML Element.
- (iii) What are the features of XML?
- (iv) What are empty and non- empty elements??
- (v) How many elements are used in a XML documents? Name them also.
- (vi) What do you mean by data types of XSD?
- (vii) How can name conflicts be avoided in XML?

Section - B**4 × 7 = 28**

(Short Answer Questions)

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

- 2) Write the steps of creating an XML document.
- 3) How to check validity of XML document?
- 4) Describe the use of prefix in declaration of namespace with the help of an example?
- 5) Explain the axis in XML. Define the various axes with their syntax.
- 6) What is XLink and XPointer? How they are used in XML explain with an example?
- 7) Define SOAP. How can we integrate the XML with SOAP?
- 8) What do you mean by CSS? Define the various types with syntax.
- 9) How can we access data from elements? Give an example.

Section - C**2 × 14 = 28**

(Long Answer Questions)

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

- 10) What is difference between XML and HTML? Give the benefits and disadvantages of XML.
- 11) What are the types of nodes in the XPath data model? Explain briefly.
- 12) What are the different formatting objects in XSL-FO are categorized into?
- 13) Write short note on any two.
 - (i) XMLHttpRequest Object
 - (ii) XML Encryption
 - (iii) XPath Nodes
 - (iv) XSLT templates
