300

BCA-17

December - Examination 2015

BCA III Year Examination

Web Technology

Paper - BCA-17

Time : 3 Hours] **[Max. Marks :- 100**

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

Section - A

$10 \times 2 = 20$

(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 upto 30 words. Each question carries 2 marks.

1) (i) What is Scribe?

(ii) Name any three mark-up language.

(iii) What is the need of FTP?

(iv) What is namerules?

(v) Write two steps in XML Encryption.

(vi) What is DOM?

(vii) What is metadata?

(viii) What is XLink?

(ix) Give an example of how to use XLink to create links in an XML document.

(x) What is POST and GET methods?

Section - B

$4 \times 10 = 40$

(Short Answer Questions)

Note: Answer any four questions. Each answer should not exceed 200 words. Each question carries 10 marks.

2) Write short note on representation of mixed Data with example.

3) How can we access the data from XML elements?

4) Compare CSS and XSL.

5) Describe how XPath and XQuery are used to transform an XML document.

6) Write short notes on processing XML documents.

7) What is DTD? How it is differ from XML?

8) What is XQuery? Discuss its structure.

9) How you select and control Input Xform? Explain with example.

Section - C

2 x 20 = 40

(Long Answer Questions)

Note: Answer any two questions. You have to delimit your each answer maximum upto 500 words. Each question carries 20 marks.

10) Explain the various XML Revolutions with neat diagram. Discuss service oriented architecture in detail.

11) Explain the implementation process of Xquery in our application. Also define with the help of structure.

12) How you implement Page Layout with Cascading Style Sheet? Explain with CSS Syntax and Classes. Give suitable examples.

13) Explain the structure of ebXML with a neat block diagram and example.