

BCA-17**B.C.A. Examination, June-2015**

Web Technology

BCA-17*Time : Three 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

(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. $2 \times 10 = 20$

1. (i) What does XML and XHTML stands for?
(ii) Write any two advantages of XML.
(iii) What is XML tag?
(iv) What is XML Schema?
(v) What does CSS stands for?

(1)

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(vi) What is XSD?

(vii) What is web service?

(viii) What is XSLT?

(ix) Write any two Capabilities of XSL-FO.

(x) Write down syntax of CSS Class.

Section-B

(Short Answer Questions)

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

10×4=40

2. Differentiate HTML, XML and XHTML?

3. What are the various rules to create a well formed XML? Discuss in brief.

4. What is Empty and Non Empty Elements in XML?

5. Explain the complete process of creating DTD in XML.

6. What are the various data types in XML? Give complete classification.

7. What is XQuery and XPath? Also discuss various XPath nodes.

8. What do you understand with XML Parser and XML Generator? Discuss in brief.

9. Differentiate the XLink and XPointer?

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Section-C

(Long Answer Questions)

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

20×2=40

10. What do you understand with mixed data representation? Explain it with help of suitable example?

11. What are the various Element Conditions and Quantifiers in XML? Explain.

12. What is XForm? Discuss the document structure of XForm with help of suitable syntaxes?

13. What are the various measures taken for ensuring security in XML? Discuss each of them in brief. Explain Canonicalization in detail.

—x—

(3)

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