

BCA-17
June - Examination 2016
BCA Pt. III Examination
Web Technology
Paper - BCA-17

Time : 3 Hours]

[Max. Marks :- 100

Section - A

10 × 2 = 20

(Very Short Answer Questions)

Note: Answer **all** questions with word limit of 30 words each.

- 1) (i) What is attribute?
- (ii) What are internal entities?
- (iii) Extend XML, DTD and XSLT
- (iv) What do you understand by container elements in DTD?
- (v) List out different types of elements in XSD.
- (vi) Why CSS is useful.
- (vii) What is the utility of < value of > < 1 value-of > tag?
- (viii) What is node path?
- (ix) Extend XSL.FO and XSLT
- (x) What do you understand by well formed XML?

Section - B**4 × 10 = 40**

(Short Answer type Questions)

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

- 2) Give example of complex data type.
- 3) How XML can be validated using DTD? Explain.
- 4) Give the basic structure of X query.
- 5) Explain the steps to create an Xform.
- 6) List out seven node types.
- 7) What do you understand by XML parser?
- 8) Give a note on SOAP.
- 9) Explain the term Canonicalization.

Section - C**2 × 20 = 40**

(Long Answer Questions)

Note: Answer **any two** questions within 500 words each.

- 10) Explain the need of XML, its history and benefits and drawbacks.
- 11) Why XSD is used? Explain. Give various types. Also explain how we can validate XML using XSD.
- 12) Explain XQuery structure using neat diagram. Also give an account on XQuery syntax for selecting and filtering elements.
- 13) What is the role of XML in e-commerce explain in detail.