



**BBB-2340**

Seat No. \_\_\_\_\_

**M. Sc. (CA & IT) (Sem. VIII) Examination**

**April / May - 2014**

**805 - XML & Web Services**

Time : 3 Hours]

[Total Marks : 70

- 1 (a) Attempt the following : (any two) **6**
- (i) List out rules for crating Well-formed XML Document.
  - (ii) Define XML with its pros and cons.
  - (iii) Define XML Parse and XML namespace.
- (b) Attempt the following : (any two) **9**
- (i) Explain XML DOM with its Properties and methods for XML DOM Element.
  - (ii) Explain XML DOM Document in brief.
  - (iii) Explain XML Technologies in brief.
- 2 (a) Attempt the following : (any two) **10**
- (i) Explain XPATH Operators with Example ?
  - (ii) Explain <xsl: if> and <xsl: for-each> Element.
  - (iii) Explain purpose of DTD. with its Rules for ELEMENT in DTD.
- (b) Attempt the following : (any three) **15**
- (i) Explain XPATH with Example.
  - (ii) Explain XPATH Numeric & String Function With Example.

- (iii) Explain `<xsl: template>`,  
`<xsl: apply-templates>` with example.
- (iv) What is XQUERY ? Explain XQUERY  
FLWOR ?

**3** (a) Attempt the following : (any two) **10**

- (i) What is XLINK ? Explain `Xlink:href`,  
`Xlink:show`, `Xlink:type` with example.
- (ii) Explain XPointer with example.
- (iii) Explain XSD Simple Types and Complex  
Types.

(b) Attempt the following : (any two) **10**

- (i) Explain XQUERY Functions.
- (ii) Explain XSL-FO Areas, XSL-FO output,  
XSL-FO Flow.
- (iii) Explain XSL-FO Pages, XSL-FO Blocks,  
XSL-FO Lists.

**4** Attempt the following : (any two) **10**

- (i) Explain Web-service in detail.
- (ii) Explain SOAP Protocol with structure.
- (iii) Explain UDDI, WSD L.

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