



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.C.A. DEGREE EXAMINATION – COMPUTER APPLICATIONS

FOURTH SEMESTER – APRIL 2016

CA 4806 - XML & WEB SERVICES

Date: 15-04-2016

Dept. No.

Max. : 100 Marks

Time: 09:00-12:00

PART-A

Answer ALL questions

10*2=20

- 1) Write the syntax and example for include and import elements.
- 2) List the pre-defined attributes in XML. Give examples.
- 3) Draw the diagram depicting components of a content-management work flow.
- 4) Write a short note on the levels of DOM.
- 5) What are web services?
- 6) Name the key functional components of SOA.
- 7) Who are the key players behind ebXML?
- 8) Which part of the SOAP message provides the information about routing?
- 9) What is a digest?
- 10) Utmost care should be taken while digitally signing an XML document - Justify

PART-B

Answer ALL questions

5*8=40

- 11) a) Illustrate XSD elements that facilitate grouping.
(or)
b) Explain Xpath Functions.
- 12) a) Give an explanation on technology layers in XML standards stack.
(or)
b) Explain DOM interfaces.
- 13) a) Draw and explain web service technology stack.
(or)
b) Give an explanation on service implementation and publication of SOA.
- 14) a) Explain the SOAP actors and faults.
(or)
b) Describe WSDL.
- 15) a) Explain canonicalization.
(or)
b) Explain the pillars of secure e-commerce.

PART-C

Answer any TWO questions.

2*20=40

- 16) a) Give an explanation on XLink with examples (10)
b) Elucidate the components of XML document. (10)
- 17) a) Describe RDF. (5)
b) Explain UDDI. (15)
- 18) Describe the XML security framework. (20)
