



B.E DEGREE EXAMINATIONS: APRIL 2015

(Regulation 2009)

Seventh Semester

ITY116: XML AND WEB SERVICES

(Common to CSE/IT)

Time: Three Hours

Maximum Marks: 100

Answer all the Questions:-

PART A (10 x 1 = 10 Marks)

1. XML uses the features of
 - a) HTML
 - b) XHTML
 - c) VML
 - d) SGML
2. Which of the following are predefined attributes
 - a) Xml:lang
 - b) Xml:space
 - c) Both a and b
 - d) Xml:xml
3. A schema describes
 - (i) grammar
 - (ii) vocabulary
 - (iii) structure
 - (iv) data type of XML document
 - a) (i) & (ii) are correct
 - b) (i),(iii) ,(iv) are correct
 - c) (i),(ii),(iii),(iv) are correct
 - d) (i),(ii),(iv) are correct
4. The attribute used to define a new namespace is
 - a) XMLNS
 - b) XmlNameSpace
 - c) Xmlns
 - d) XmlNs
5. ORPC is associated with
 - a) DCOM
 - b) CORBA
 - c) RMI
 - d) SOAP
6. Find the odd item
 - a) XML RPC
 - b) AJAX JAVA
 - c) SOAP HTTP
 - d) JAVA RMI
7. ----- provides a uniform standard interface to registries of XML business data such as the

(ii) Demonstrate the importance of Service Oriented Architecture. (7)

22. a) (i) Write an XML document that has multiple namespaces. (7)

(ii) Compare DTD and XML schema with examples. (7)

(OR)

b) Explain about the various presentation technologies with examples.

23. a) (i) Write an XML-RPC request for text book reservation in your library. The request must contain the book title, author(s), publisher and edition. The response must be the tentative date of getting the book and a fault message if the book is not available for any valid reason. (10)

(ii) Describe the HTTP GET and POST command. (4)

(OR)

b) (i) Describe the SOAP message structure with an example. (10)

(ii) Describe about SOAP design patterns. (4)

24. a) (i) Describe about the Web services architecture. (7)

(ii) With an example describe the steps to be taken in an ebXML driven business process. (7)

(OR)

b) Discuss about .NET platform.

25. a) (i) What is XKMS? Describe its structure. (10)

(ii) List down the steps to be followed to digitally sign an XML document. (4)

(OR)

b) (i) Describe about XML encryption with an example. (10)

(ii) Explain about XML canonicalization. (4)
