

1. Write short notes on the following. Take examples and make diagrams wherever necessary.
 - a) Different Applications of web services
 - b) Architecture of web services
 - c) Difference between DTD and XSD
 - d) Suitability of XML for Web services
 - e) Web Services representation of CRM (Customer relation management)
 - f) Evolution and emergence of web services
2. Explain in detail Simple Object Access protocol including its major components like interaction, modeling and encoding.
3. Write seven steps in the invocation of web services through WSDL.
4. Explain the following elements
 - a) <types>
 - b) <message>
 - c) <operations>
 - d) <porttype>
 - e) <port>
 - f) <binding>