

12. (a) (i) Outline the XML document object model with an example. (7)
(ii) Outline the working of a SAX parser. (6)

Or

- (b) Outline the process of modeling databases in XML with an example. (13)

13. (a) What are the components of service oriented architecture? How components in service oriented architecture inter-relate? Give example. (13)

Or

- (b) What is service orientation? Outline the common principles of service orientation. (13)

14. (a) What is WSDL? Explain the WSDL document structure with an example. (13)

Or

- (b) What is SOAP? Explain the SOAP messaging framework with a diagram. (13)

15. (a) Highlight the features of Web service business process execution language and outline the structure of the same with an example. (13)

Or

- (b) What is J2EE? Write a detailed note on SOA support in J2EE. (13)

PART C — (1 × 15 = 15 marks)

16. (a) Develop an XML schema for a "Banking System". State the functional requirements you are considering. (15)

Or

- (b) Outline the steps in building an application using service oriented architecture. (15)