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Question Paper Code : X67549

B.E./B.Tech. DEGREE EXAMINATIONS, NOVEMBER/DECEMBER 2020
Seventh Semester
Computer Science and Engineering
CS1401 – INTERNET COMPUTING
(Regulations 2008)

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions

PART – A

(10×2=20 Marks)

1. Define URL encoding.
2. What is the purpose of using external style sheets ?
3. Differentiate JSP and ASP.
4. What is meant by servlet container ? List its uses.
5. What is DTD in XML ?
6. Mention the difference between DOM and SAX parser.
7. Differentiate RMI and RPC.
8. What is an SOAP attachment ?
9. Define Web Service Policy.
10. List various WSDL elements.

PART – B

(5×16=80 Marks)

11. a) Explain the steps involved in making the communication using TCP/IP with a neat diagram. (16)
- (OR)
- b) i) Explain in detail about CSS with suitable examples. (10)
 - ii) What are the advantages of CSS ? (6)



12. a) i) Explain the functionalities of Servlet container with its diagram. (8)
ii) Write the Servlet code for conversion of US dollars to Indian rupees and explain the Servlet life cycle with its code. (8)
- (OR)
- b) i) List and explain the JSP components with an example. (8)
ii) Explain the session tracking with an example. (8)
13. a) i) Write short notes on various XML parsers. (6)
ii) Design an XML document to store information about a student in your college. The information must include Name, College Name, Branch, Year of joining and e-mail id. Create a CSS style sheet and use it to display the document. (10)
- (OR)
- b) i) Write an XML document to illustrate XSL, parameter entities, reference entities, CDATA sections allowing different types of contents in the document. (8)
ii) Write briefly about XLINK and XPATH. (8)
14. a) Explain the various elements in SOAP and its message structure with suitable example. (16)
- (OR)
- b) Describe the SOAP design patterns and faults with necessary syntax. (16)
15. a) i) With a neat sketch explain the architecture for Web Services. (8)
ii) List various elements of UDDI and explain each of them. (8)
- (OR)
- b) i) Write briefly about ebXML. (8)
ii) Mention the web service requirements for e-business. (8)
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