

Code No: 155DN

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**B. Tech III Year I Semester Examinations, February - 2022****WEB TECHNOLOGIES****(Computer Science and Engineering)****Time: 3 hours****Max. Marks: 75****Answer any five questions
All questions carry equal marks**

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- 1.a) List and explain the control structures used in PHP.
b) List and explain the operators used in PHP. [7+8]
- 2.a) Explain about the file operations in PHP.
b) How to list the directories in PHP? [7+8]
- 3.a) Explain XML schema languages.
b) Write a short note on DOM. [7+8]
- 4.a) Explain in detail how XML data is parsed with an example.
b) What is a 'XML Parser'? [7+8]
- 5.a) What are the advantages of Servlets over CGI.
b) What is a 'servlet'? Explain the life cycle of a servlet with an example servlet program. [7+8]
- 6.a) Demonstrate the use of cookies in servlets with an example.
b) Mention two web servers that support CGI programming. [7+8]
- 7.a) Describe the anatomy of a JSP page.
b) Write a in brief about JSP Declarations. [7+8]
- 8.a) What is JavaScript? What are the features of JavaScript?
b) Write a JavaScript to display whether given number is a prime or not. [7+8]

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