

Code No: 126EP**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****B.Tech III Year II Semester Examinations, May - 2016****WEB TECHNOLOGIES****(Common to CSE, IT)****Time: 3 hours****Max. Marks: 75****Note:** This question paper contains two parts A and B.

Part A is compulsory which carries 25 marks. Answer all questions in Part A. Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

PART - A (25 Marks)

- 1.a) Give any two advantages of PHP. [2]
- b) How can you create array in PHP? Explain. [3]
- c) Discuss the common tags of XHTML. [2]
- d) How can you declare attributes in XML? Give an example. [3]
- e) What does Servlet config interface do? [2]
- f) When a Servlet accepts a call from a client, it receives two objects. What are they? [3]
- g) What is Session tracking? Explain. [2]
- h) What is the purpose of using Cookies? How they are created? [3]
- i) What is the difference between GET and POST method in Java Script? [2]
- j) How does one access cookie in a java script? [3]

PART - B (50 Marks)

- 2.a) Discuss about various functions used in PHP with examples.
- b) Write a PHP script to add and remove users from a MySQL table. [5+5]

OR

- 3.a) Describe about various types of PHP interpreters.
- b) Write a PHP script for searching a website URL for a keyword or sentence. [5+5]

- 4.a) Explain document structure description with example code in XML.
- b) What are the XML namespaces and how are they declared? [5+5]

OR

- 5.a) Explain about various types of XML parsers.
- b) How are XHTML elements and attributes represented in the java script binding to DOM? Explain. [5+5]

- 6.a) Write note on Common Gateway Interface (CGI).
- b) What potential advantages do servlets have over CGI programs? Explain. [5+5]

OR

- 7.a) Describe the life cycle of a java servlet and write a simple servlet that reads three parameters from the form data.
- b) Explain the differences between Generic Servlet and HttpServlet. [5+5]

- 8.a) Discuss about the features of JSP pages.
b) Write in brief about JSP tag extensions and libraries. [5+5]
- OR**
- 9.a) How does a Servlet communicates with a JSP page? Explain.
b) What is Bean? Discuss how to create beans in JSP. [5+5]
- 10.a) Explain various operators and data types available in java script.
b) Explain Document Object Model with suitable examples and code. [5+5]
- OR**
- 11.a) Explain about object, methods and events in Java Scripts.
b) Write short notes on simple Ajax application. [5+5]

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