

R13

Code No: 126EP

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech III Year II Semester Examinations, December - 2017

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) How can you find the number of rows in a table using MySQL? [2]
- b) What are the rules of PHP syntax? [3]
- c) Define XML Schema. [2]
- d) What are the elements and attributes in XML? [3]
- e) How cookies are created? [2]
- f) Explain about common gateway interface. [3]
- g) What is Bean? Explain. [2]
- h) List the scripting components of JSP. [3]
- i) What is DATE object in Java script? [2]
- j) How does one access cookie in a java script? [3]

PART - B

(50 Marks)

- 2.a) What are the pitfalls commonly seen with the practice of inserting HTML inside PHP? [5+5]
- b) Explain how PHP fits with MySQL. [5+5]

OR

- 3.a) Write a PHP code to open and read contents from a given file in designated directory. [5+5]
- b) Is it possible to set a time expire page in PHP? Explain how. [5+5]

- 4.a) When constructing an XML DTD, how do you create an external entity reference in an attributed value? [5+5]
- b) What are the common tags of XHTML? Discuss. [5+5]

OR

- 5.a) Explain about various types of XML parsers. [5+5]
- b) Discuss about XML flow control tags and transformation tags. [5+5]

- 6.a) Describe the servlet architecture and the interfaces invoked by the servlet container. [5+5]
- b) What is session management? Explain about session management in servlets. [5+5]

OR

- 7.a) Explain with suitable examples, the differences between get request and post request type in Servlets. [5+5]
- b) Explain how to connect to a database using JDBC. Illustrate with example. [5+5]

- 8.a) Discuss various implicit objects in JSP.
b) Write a JSP program to validate user name and password. [5+5]

OR

- 9.a) What are the features of Java Server Pages technology? Explain.
b) Write a JSP to demonstrate the usage of page and include directives. [5+5]

- 10.a) Explain the control structures used in java script with suitable examples.
b) Discuss the keyboard events in java script with examples. [5+5]

OR

- 11.a) Explain how to write functions in java script.
b) Write a java script for sorting the elements of an array using function. [5+5]

---ooOoo---