

2062
B.E. (Computer Science and Engineering)
Fourth Semester
CS-402: Web Technologies

Time allowed: 3 Hours

Max. Marks: 50

NOTE: Attempt five questions in all, including Question No. 1 which is compulsory and selecting two questions from each Unit.

x-x-x

I. Answer the following:-

- a) Define cookies and sessions.
- b) What are the applications of PHP?
- c) Explain get and post methods?
- d) State the importance of dialog boxes in JavaScript.
- e) What is the role of XMLDOM?

(5x2)

UNIT - I

- II. a) Differentiate among internal and external CSS.
b) Explain in detail the web browser architecture? State differences between client and server side scripting. (2x5)
- III. a) What are the different types of internet connection? Discuss their merits and demerits.
b) Write a JavaScript program to sort an array of the given elements. (2x5)
- IV. Explain the attributes and control of HTML form. How the nested tables are used in HTML? (2x5)

UNIT - II

- V. a) What is an XML schema? State with example the creation of an XML schema.
b) Explain the various types of joins in MySQL. (2x5)
- VI. a) Write a PHP script for file operations: open, close, read and write.
b) Explain about the object that helps AJAX reload parts of a web page without reloading the whole page. (2x5)

P.T.O.

(2)

VII. Write note on the following:-

- a) HTML and DHTML
- b) PHP session
- c) DOM
- d) XML attributes

(4x2½)

x-x-x