GANPAT UNIVERSITY

B. Tech SEMESTER-V (Computer Engineering/Information Technology)
REGULAR Examination Dec – 2013
2CE505/2IT505: Web Technology

[Time: 3 Hours]   [Total Marks: 70]

Instructions:

1. Attempt all questions.
2. Be precise and to the point in your answer

SECTION-I

Que. 1   Answer the following questions.   [12]

1. What is XHTML namespace?   2
2. Define MIME.   2
3. Discuss HTTP response and HTTP request message format in detail.   4
4. Design XML tree for book store which sell different book. (Take at least 5 fields)   4

OR

Que. 1
1. Why HTTP known as stateless protocol?   2
2. What are the advantages of MySQL?   2
3. What is role of XML? Explain parts of XML document.   4
4. Explain XHTML DOCTYPE Declarations with its Syntax.   4

Que. 2   Discuss Following Questions.   [11]

1. What is XHTML? How XHTML differ from HTML?   4
2. What is AJAX? How AJAX Work?   4
3. Explain all major issues in web development.   3

OR

Que. 2
1. What is XML? What is the difference between XML and HTML?   4
2. How to create, retrieve and delete cookie and session?   4
3. Explain web browser and web server with example.   3

Que. 3   Answer the following questions.   [12]

1. Write a PHP program to create Registration module with database connectivity.   6
2. Write a PHP program to fetch information from a database with AJAX.   6

[P.T.O]

SECTION-II

Que. 4   Answer the following questions. [12]

1. Define open source software? Write down open source software name and their advantages.   4
2. List out string functions. Explain any three of them.   4
3. Write a PHP program to display current date and time in given format. (18-Nov-2007 - 16:12pm)   4

OR

Que. 4
1. What is PHP? How it is differ from other languages?   4
2. Explain Date and Time functions using at least four different formats.   4
3. Write a PHP program to create an array of **city name**. Find the **length** of city name using the appropriate String method. Find whether the character 'p' is in city name or not; if yes find the number of times 'p' appears in city name.   4

Que. 5   Discuss Following Questions. [11]

1. Explain following functions with example.   6
   1) next()   2) array_unique()   3) array_merge_recursive()

2. Explain $_get and $_post variable in PHP.   3
3. Write down the difference between array_slice and array_splice.   2

OR

Que. 5
1. Give difference between following: 6
   1) include and require
   2) unlink and unset
   3) implode and explode

2. Explain foreach loop using an example.   3
3. Explain following functions with example.   2
   1) list()   2) key()

Que. 6   Answer the following questions. [12]

1. What are the different types of errors in PHP? How to handle errors in PHP? Explain it?   4
2. Write PHP Program to upload document with maximum 1 MB size.   4
3. Write a PHP program having two class student (roll number, name) and subject (sub1, sub2, sub3) and generate one result class calculate marks, total, percentage accordingly and display result to the browser.   4

=== END OF PAPER ===