GANPAT UNIVERSITY

B. TECH SEMESTER - V (CE/IT)
REGULAR Examination Dec – 2014

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]
	[A]	Explain Re-throwing Exception with example.	4
	[B]	What is CSV file? Which function is used for handling CSV file in PHP ? Explain it with Example.	4
	[C]	Explain XMLHttpRequest object with its method and property.	4

OR

Que. 1	[A]	Write regular expression for Textbox contain character only with explanation. Also explain preg_match function with example.	4
	[B]	Explain the following function with Example. (1) Strtotime() (2) mktime() (3) die() (4) date().	4
	[C]	Write a program having two class student (roll number, name) and subject (sub1, sub2,sub3) and generate one result class calculate marks, total, percentage accordingly and write all data in the file and retrieve with formatted display.	4

Que. 2		Discuss Following Questions.	[11]
	[A]	Give the difference between $_GET and $_POST with Example.	4
	[B]	Differentiate between session and cookies with its advantages and disadvantages.	4
	[C]	Write a PHP program to display current date and time in given format. (18-Nov-2014 - 14:12am)	3

OR

Que. 2	[A]	What is AJAX? Write down step for creating AJAX in PHP	4
	[B]	Write PHP Program for Student Registration form with database connectivity and perform insert, update operations. (Take at least 4 fields in form)	4
	[C]	What is the use of include function? How it is different from require. Explain with Example.	3

Que. 3		Answer the following questions.	[12]
	[A]	Explain OOPs Concept in PHP.	4
	[B]	Write PHP Program to upload file with following restriction: a. File type must be document (.doc, .docx, .txt, .png) b. Maximum size of the file is 1MB.	4
	[C]	Explain following functions with syntax, purpose & example. (1) mysql_connect() (2) mysql_select_db() (3) mysql_query() (4) mysql_close()	4

SECTION-II

Que. 4   Answer the following questions. [12]

    [A]   Explain all components of HTTP URL with example.   4

    [B]   Define PHP. How it is differ from other languages?   4

    [C]   What is role of XML? Explain parts of XML document.   4

OR

Que. 4   [A]   What is DOCTYPE Declaration? Explain Strict, Transitional and Frameset   4

              declaration with its Syntax.

    [B]   Explain Stateless Protocol with an example.   4

    [C]   Explain following terms: 4

              a) Web server   b) Web browser

Que. 5   Discuss Following Questions. [11]

    [A]   Create XML tree for IT Companies which sell soft-wares. (Take at least 5 fields)   4

    [B]   Explain following string function with an example.   4

              a) Explode   b) Implode

    [C]   Give between array_shift() and array_unshift().   3

OR

Que. 5   [A]   Explain following function with an example.   4

              a) array_diff()   b) array_merge()

    [B]   Write a PHP program to find the Number of Vowels, Consonants, Digits and White   4

              space in a String.

    [C]   Explain all major issues in web development.   3

Que. 6   Answer the following questions. [12]

    [A]   Differentiate for each loop and for loop using an example.   4

    [B]   Explain Indexed arrays and Associative arrays with example.   4

    [C]   Explain any 4 sorting functions for array with example.   4

=== **END OF PAPER** ===