LOYOLA COLLEGE (AUTONOMOUS) CHENNAI – 600 034

B.C.A. DEGREE EXAMINATION – **COMPUTER APPLICATIONS**

FIFTH SEMESTER – **NOVEMBER 2024**

UCA 5501 – WEB PROGRAMMING USING PHP AND MYSQL

Date: 07-11-2024   Dept. No.   Max. : 100 Marks
Time: 09:00 am-12:00 pm

	SECTION A - K1 (CO1)	
	Answer ALL the Questions -	**(10 x 1 = 10)**
1.	**MCQ**	
a)	Variable name in PHP starts with - (a) ! (Exclamation) (b)$ (Dollar) (c) & (Ampersand) (d)# (Hash)?	
b)	Which of the following function is used to find files in PHP? (a) glob() (b) fold() (c) file() (d) None of the above	
c)	Among echo and print, which is faster? (a) print (b) echo (c) Both have a same speed (d) None	
d)	In PHP, variable names must start with which of the following. (a) No numbers (b)Letters (c) Underscore (d) All of the above	
e)	DROP TABLE command is a type of ------------. (a) DDL (b) DML (c) DCL (d) TCL	
2.	**True or False**	
a)	PHP, variables must be declared before they are used.	
b)	PHP is a case-sensitive language	
c)	The PRIMARY KEY constraint uniquely identifies each record in a table.	
d)	MySQL does not support transactions.	
e)	The time() function returns the current date and time in a formatted string.	
	SECTION A - K2 (CO1)	
	Answer ALL the Questions	**(10 x 1 = 10)**
3.	**Answer the following**	
a)	What is PHP?	
b)	Define a Class.	
c)	What are Constants?	
d)	Expand XHTML.	
e)	What is Session?	
4.	**Fill in the Blanks**	
a)	In PHP, the function used to output one or more strings to the browser is _____.	
b)	The superglobal array that contains data submitted via a GET request is _____.	
c)	The SQL command used to update existing records in a table is _____.	
d)	The PHP function used to read the entire content of a file into a string is _____.	
e)	To add a new column to an existing table, you would use the _____ command.	
	SECTION B - K3 (CO2)	
Answer any TWO of the following		**(2 x 10 = 20)**
5.	Identify and explain the types of CSS.	

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6.	Develop a program using Constructors and explain.

7.	Apply the following functions in PHP and explain its working.
	   i) fopen()
	   ii) fclose()

8.	Identify the difference between GET and POST methods.

SECTION C – K4 (CO3)

Answer any TWO of the following   **(2 x 10 = 20)**

9.	Analyze any FIVE string functions in PHP and explain its working
10.	Analyze and write the working of cookies in PHP with examples.
11.	Examine the working of DML queries with examples.
12.	Inference the steps to connect to a MySQL database using PHP? List the necessary functions or methods used in the process with example

SECTION D – K5 (CO4)

Answer any ONE of the following   **(1 x 20 = 20)**

13.	Explain in detail about the built-in and user-defined functions in PHP with examples.
14.	Explain the different types of arrays available in PHP and give a brief description of each.

SECTION E – K6 (CO5)

Answer any ONE of the following   **(1 x 20 = 20)**

15.	Design a small web application concept that uses PHP, MySQL, and JavaScript. Describe how each technology would be used, and justify why this combination is suitable for your application.
16.	Create two different tables and explain types of SQL joins? List and describe each type briefly.