



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc. DEGREE EXAMINATION – COMPUTER SCIENCE

FIFTH SEMESTER – NOVEMBER 2023

UCS 5501 – PHP AND MYSQL

Date: 30-10-2023

Dept. No.

Max. : 100 Marks

Time: 09:00 AM - 12:00 NOON

SECTION A - K1 (CO1)

	Answer ALL the Questions	(10 x 1 = 10)
1.	Answer the following	
a)	What is HTTP?	
b)	State the uses of a static variable	
c)	Recall the purpose of Foreach.	
d)	Write the usage of autofocus attribute	
e)	Give an example for Subquery	
2.	True or False	
a)	PHP Variable names are case-insensitive.	
b)	Subclasses can access protected members of the parent class.	
c)	XHTML documents can be parsed using standard XML parsers	
d)	HTML5 features are not yet implemented across all major browsers	
e)	The LIMIT qualifier enables one to choose how many columns to return in a query	
	SECTION A - K2 (CO1)	
	Answer ALL the Questions	(10 x 1 = 10)
3.	Fill in the blanks	
a)	PHP runs on the _____, whereas JavaScript runs on the _____	
b)	Each new object of a class is called an _____ of that class.	
c)	Multiple lines from a file can be retrieved through the _____ function.	
d)	To remove any HTML from a string _____ function is used	
e)	To retrieve a specific row from a set of mysqli results, _____ method of the result object is used.	
4.	Match the following	
a)	Web Server	- File Upload
b)	Static Methods	- AS
c)	multipart/form-data	- Password
d)	Salt	- Class
e)	Alias	- IIS

SECTION B - K3 (CO2)

	Answer any TWO of the following	(2 x 10 = 20)
5.	Explain the sequence of a dynamic request and response with neat diagram.	
6.	Differentiate include and require along with its variations with an example.	
7.	Experiment with different modes of opening a File along with a code to open and read the contents of the file.	
8.	Build a web page that takes input from the user and converts values between Celsius / Fahrenheit.	

SECTION C – K4 (CO3)

Answer any TWO of the following

(2 x 10 = 20)

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| 9. | Inspect the ways of fetching data from MySQL database with an example code |
| 10. | Write a code with user defined function to receive an array as an argument, find the maximum value, minimum value and sum of the array elements and return all the values. |
| 11. | Compare the types of arrays with examples. |
| 12. | Explain the creation, usage and deletion of cookies with examples. |

SECTION D – K5 (CO4)

Answer any ONE of the following

(1 x 20 = 20)

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| 13. | Sketch the Conditional and Looping statements of PHP with suitable examples. |
| 14. | Write a PHP code to Create a Student table with columns(Regno, Name, email, Phone, GPA)
Write code to Describe the table, Insert, Update and Delete data. |

SECTION E – K6 (CO5)

Answer any ONE of the following

(1 x 20 = 20)

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| 15. | Write a PHP a class called "BankAccount" with properties like "accountNumber" and "balance". Implement constructor and methods to deposit and withdraw money from the account. Create another class SBAccount that inherits from BankAccount class and add the \$interestRate property and setInterestRate() method to it. Create instances and operate the account class. |
| 16. | Compile the uses of Session along with how it is handled in PHP pages. |

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