GUJARAT TECHNOLOGICAL UNIVERSITY
MBA – SEMESTER –IV-EXAMINATION – SUMMER-2022

Subject Code: 1549603   **Date: 13-07-2022**
Subject Name: Web Programming using PHP
Time: 10:30 AM TO 01:30 PM   **Total Marks: 70**

Instructions:

1. **Attempt all questions.**
2. **Make suitable assumptions wherever necessary.**
3. **Figures to the right indicate full marks.**

Q.1	**(a)**	**Define following terms.**	**07**
	1	Keyword.	
	2	Array.	
	3	Class	
	4	SQL	
	5	HTTP	
	6	Web Application	
	7	Relational Database	
	(b)	Enlist and explain different data types used in PHP.	**07**
Q.2	**(a)**	What is the role of operators in PHP? Mention the use of Arithmetic Operators and Assignment operators with example.	**07**
	(b)	Write PHP code to create a function and pass parameter by reference.	**07**
		OR	
	(b)	Compare two strings for equality with ==, === and < operators.	**07**
Q.3	**(a)**	Brief on role of methods and parameters while processing PHP forms.	**07**
	(b)	How to set response headers? Explain in detail.	**07**
		OR	
Q.3	**(a)**	Write a short note on Global arrays.	**07**
	(b)	With the help of example give the difference between GET Method and Post Method.	**07**
Q.4	**(a)**	What is AJAX? How it works?	**07**
	(b)	What is PHP Data object (PDO)? List out unique features of PHP data object.	**07**
		OR	
Q.4	**(a)**	Explain use of MySQLi class to retrieve data for display.	**07**
	(b)	How does PHP web socket works?	**07**
Q.5	**(a)**	What do you understand by NoSQL databases? Explain use of PHP to access NOSQL database.	**07**
	(b)	Explain MongoDB?Explain steps to configuration	**07**
		OR	
Q.5	**(a)**	What is web services? Expain REST Clients.	**07**
	(b)	Expain XML. How to parsing XML with DOM.	**07**

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