

(i) Printed Pages : 3 Roll No. ....

(ii) Questions : 9 Sub. Code : 

8	6	9	1
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Exam. Code : 

1	2	2	0
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**PGDCA 2<sup>nd</sup> Semester**

**1059**

**WEB TECHNOLOGIES**

**Paper—PGD-2102**

**Time Allowed : Three Hours]**

**[Maximum Marks : 60**

**Note :—** Candidate is required to attempt **five** questions in all including question no. 1 (which is compulsory) and attempt remaining **four** questions by selecting **one** question from each Unit.

**(Compulsory Question)**

- I. (a) Write any three primitive data types in Java Script. 2
- (b) Write the importance of integrating PHP and AJAX. 2
- (c) How do define a constant variable in PHP ? Give an example. 2
- (d) What are the advantages of XML over HTML ? 2
- (e) Differentiate between HTML vs XHTML. 2
- (f) Explain the purpose of HTML Frames. 2

## UNIT—I

- II. (a) Explain how basic and nested tables are created using HTML. 6
- (b) Design the static web page that display a marks table with three rows and three columns as shown below :

Marks 1	Marks 2	Marks 3
90	90	99
81	80	82

6

- III. Explain different types of cascading style styles with suitable examples. 12

## UNIT—II

- IV. (a) 'JavaScript is referred to as Object based programming language'. Justify with an example. 6
- (b) What is the use of functions and dialog boxes in JavaScript ? 6
- V. Write a JavaScript code to test whether the given number is Armstrong number or not. 12

## UNIT—III

- VI. (a) Explain with an example program how to connect to a SQL Server database from a PHP script. 6
- (b) Discuss different types of Conditional statements in PHP. 6

- VII. (a) Write a PHP code to validate the form consisting of a username, password and email fields. 6
- (b) Explain the predefined and user defined functions of PHP with an example. 6

#### UNIT—IV

- VIII. (a) Discuss any five useful library functions in PHP with example. 6
- (b) How do we create index based array in PHP ? Explain with example. 6
- IX. (a) Write a PHP script for uploading a file to the server and display the uploaded files details. 6
- (b) How do we combine HTML and PHP code ? Explain with example. 6