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3 Hours / 70 Marks

Seat No.				

15 minutes extra for each hour

Instructions:

- (1) All Questions are *compulsory*.
- (2) Illustrate your answers with neat sketches wherever necessary.
- (3) Figures to the right indicate full marks.
- (4) Assume suitable data, if necessary.

Marks

1. Attempt any FIVE:

 $2 \times 5 = 10$

- (a) Describe advantage of PHP.
- (b) What is array? How to store data in array?
- (c) List types of inheritance.
- (d) How can we destroy cookies?
- (e) List any four data types in MySQL.
- (f) Write syntax of PHP.
- (g) How to create session variable in PHP?

2. Attempt any THREE:

 $4 \times 3 = 12$

- (a) Write down rules for declaring PHP variable.
- (b) Write a program to create associative array in PHP.
- (c) Define Introspection and explain it with suitable example.
- (d) Write difference between get() & post() method of form (Any four points).

[1 of 2] P.T.O.

22619 [2 of 2]

3. Attempt any THREE:

 $4 \times 3 = 12$

- (a) Define function. How to define user defined function in PHP? Give example.
- (b) Explain method overloading with example.
- (c) Define session & cookie. Explain use of session start.
- (d) Explain delete operation of PHP on table data.

4. Attempt any THREE:

 $4 \times 3 = 12$

- (a) Write PHP script to sort any five numbers using array function.
- (b) Write PHP program for cloning of an object.
- (c) Create customer form like customer name, address, mobile no, date of birth using different form of input elements & display user inserted values in new PHP form.
- (d) Inserting and retrieving the query result operations.
- (e) How do you validate user inputs in PHP?

5. Attempt any TWO:

 $6 \times 2 = 12$

- (a) Explain different loops in PHP with example.
- (b) How do you connect MySQL database with PHP.
- (c) Create a class as "Percentage" with two properties length & width. Calculate area of rectangle for two objects.

6. Attempt any TWO:

 $6 \times 2 = 12$

- (a) Write a PHP program to demonstrate use of cookies.
- (b) Explain any four string functions in PHP with example.
- (c) (i) What is inheritance?
 - (ii) Write update operation on table data.