Registration No :

Total Number of Pages : 02   **MCA**
                                                                                                         MCA406E

4ᵗʰ Semester Regular / Back Examination 2018-19
PHP AND MY SQL
BRANCH : MCA
Max Marks : 100
Time : 3 Hours
Q.CODE : F594
Answer Question No.1 (Part-1) which is compulsory, any EIGHT from Part-II and any TWO from Part-III.
The figures in the right hand margin indicate marks.

Part- I

Q1   **Only Short Answer Type Questions (Answer All-10)**   **(2 x 10)**
a)   What is the return value of this substr function?
            <?php $rest = substr ("bput",-1); $rest = substr ("bput",0,-1); ?>
b)   What is the purpose of $_FILES variable in PHP?
c)   What are the functions to be used to get the image's properties (size, width and height) in PHP?
d)   What are the different ways to retrieve the data in the result set of MYSql using PHP?
e)   How the functions are created in PHP?
f)   Explain the syntax for 'foreach' loop. What is numeric array?
g)   What are the different ways to parse the PHP code?
h)   Explain PHP variables? Explain why PHP is a loosely typed language?
i)   How many TRIGGERS are possible in MySql?
j)   What is the difference between MyISAM and InnoDB storage engines in MYSql?

Part- II

Q2   **Only Focused-Short Answer Type Questions- (Answer Any Eight out of Twelve)**   **(6 x 8)**
a)   Give the difference among the following : i) require and include ii) unlink and unset iii) GET and POST
b)   How to upload files in PHP? Explain with example.
c)   Discuss HTTP authentication with PHP with suitable example .
d)   What is scope of the variables in PHP? Explain global and static variable with proper illustration.
e)   How will you call member functions of a class in PHP? Explain with example.
f)   How to add constructor and destructor functions to PHP class?
g)   What are the different control loops in PHP? Explain them with examples.
h)   Define and differentiate between Indexed versus Associated Arrays in PHP.
i)   Explain password controls in PHP with suitable example.

Name of Student :

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j)   Write a program using POST method to get the form shown below:
k)   What do you mean by Storage engines in MySQL? Discuss the different storage engines supported by MySQL.
l)   Define and difference between mysql_connect and mysql_pconnect with examples.

Part-III
Only Long Answer Type Questions (Answer Any Two out of Four)

Q3 **a)** Discuss the different data types supported by PHP. Write a program showing the use of few data types and constant. **(8)**

b) Create a HTML form containing login id, password, name, age, gender, address? Access the form data using a PHP Script **(8)**

Q4 **a)** Write a program to extract a substring from a given position, which is provided as input to the program. **(8)**

b) Explain the process of connecting database with PHP application. Also, discuss client side data validation concept using PHP. **(8)**

Q5 **a)** Write a program in PHP to store system date-time in a Cookie and display the 'Last visited on' date-time on the webpage if revisiting the sane webpage. **(8)**

b) What are Cookies? State the importance of using Cookies. Explain how they are Set, View and Deleted. **(8)**

Q6 **a)** Write a script to show interaction among PHP and MySQL. Illustrate how to use MySQL functions to display the last 25 records of a given table. **(8)**

b) Write a program in PHP to store webpage views count in SESSION, to increment the count by one on each refresh, and display the result count value on webpage. **(8)**