

M.C.A. - II (2 Years) New CBCS Pattern Semester-III
PMCAT301- Paper-I : Advanced Web Development

P. Pages : 2

Time : Three Hours



GUG/W/23/13647

Max. Marks : 80

- Notes :
1. All the questions are compulsory and carry equal marks.
 2. Draw neat and labelled diagrams wherever necessary.
 3. Avoid vague answers and write specific answers related to the question.

Either:

1. a) How does PHP handle superglobal and what are some commonly used superglobal variables? 8
- b) What are different ways to manipulate strings in PHP? Explain with suitable example. 8

OR

- c) Enlist and explain the different datatypes available in PHP. 8
- d) Describe the form elements in PHP with suitable example. 8

Either:

2. a) What is Database? Explain the database models in details. 8
- b) Demonstrate SQL Language in detail. 8

OR

- c) Differentiate between primary key and foreign key. 8
- d) Enlist and explain the Datatypes available in MySQL. 8

Either:

3. a) What is Cookie? Write a process to delete a cookie. 8
- b) How do you open and close file in PHP? Explain with suitable example. 8

OR

- c) What are the key concepts of object oriented programming? Explain. 8
- d) Demonstrate class Inheritance and explain how it is implemented in PHP? 8

Either:

4. a) What is the privilege system in MySQL and how does it work? Explain. 8

- b) Explain the concept of user authentication in PHP and MySQL. **8**

OR

- c) What are Apache authentication and how it is used in conjunction with PHP and MySQL. **8**
- d) How can you implement role-based access control in a PHP and MySQL application? Explain. **8**

5. Attempt all the questions.

- a) Explain the Logical operators available in PHP. **4**
- b) Write a brief note on PHP MyAdmin. **4**
- c) How do you define static methods in PHP class? Explain. **4**
- d) Explain the process of custom authentication in PHP. **4**
