

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**

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