M.C.A.- II (Two Years Programme) (New CBCS Pattern) Semester - III

PMCAT301 - Paper-I : Advanced Web Development

P. Pages : 1 **GUG/S/23/13647**

Time : Three Hours Max. Marks : 80

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

Either:

1. a) What is PHP? Explain Hardware and Software Requirements in detail. **8**

b) Discuss in brief about Operators and Data types in PHP. **8**

OR

c) What are PHP functions? Explain working with forms in brief. **8**

d) List and Explain String Manipulation functions in PHP. **8**

Either:

2. a) What is Database? Explain Various types of Database Models in detail. **8**

b) Discuss in brief about Working with PHPMyAdmin. **8**

OR

c) What is Database Engines? Explain insert, delete and drop operation by giving example. **8**

d) Describe the concept of Foreign key, Primary key, Unique key by suitable example. **8**

Either:

3. a) What is Cookie? Explain how to Create and Delete the Cookie? **8**

b) Discuss in brief about PHP File handling. **8**

OR

c) Write short notes on: **8**

i) Class Inheritance ii) Object Constructors and destructors.

d) What is Session? Explain how to store and destroy the session in detail. **8**

Either:

4. a) What is MYSQL Administration? Explain how to make a database secure? **8**

b) Discuss in brief about Authentication with PHP and MYSQL. **8**

OR

c) Describe Custom Authentication. **8**

d) How to identify Visitors in MYSQL? Explain Basic Authentication process in detail. **8**

5. Attempt **all** the questions.

a) Explain in brief about the loops in PHP. **4**

b) What are the Datatypes in MYSQL? Explain in brief. **4**

c) List and Explain Object Oriented Concepts. **4**

d) Explain Apache Authentication in detail. **4**

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