PSMCAT501 - Advanced Web Development Paper-I

P. Pages : 2 **GUG/S/19/11116**

Time : Three Hours ‖‖‖‖‖‖ *3060* Max. Marks : 80

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Notes : 1. All questions are compulsory and carry equal marks.
2. Draw a neat and well labelled diagram wherever necessary.
3. Avoid vague answers and write specific answers related to questions.

1. Either

a) Why PHP is better alternative for web development? Explain basic hardware and software requirement. **8**

b) What is Array? Explain types of array with suitable example. **8**

OR

c) State and explain the advantages of PHP in detail. **8**

d) Write a PHP program to create a simple calculator that can accept two numbers and perform operation like add, subtract using self processing form. **8**

2. Either

a) What is Database? Explain different database models in detail. **8**

b) Write a program in PHP to insert and delete a record. **8**

OR

c) What is PHPMyAdmin? Explain the working with PHPMyAdmin. in detail. **8**

d) Explain Database Engines in detail. **8**

3. Either

a) What is Cookie? Explain how to create, store, retrieve and delete Cookie. **8**

b) Write a PHP script to upload the file and display its information (Use $ FILES) **8**

OR

c) What is session? Explain how to create, store and destroy session. **8**

d) Write a PHP program to implement class inheritance. **8**

4. Either

a) How to make the Database secure? Explain in detail. **8**

b) Explain the following. **8**
   i) Basic Authentication.
   ii) Custom Authentication.

OR

c) Write the steps to identify visitor and explain them in detail. **8**

d) Write a program in PHP to identify user at login prompt. and display message to invalid user. **8**

5. Solve all questions.

    a) Explain any two PHP functions. **4**

    b) State and explain Data types in MySQL. **4**

    c) Explain object oriented concept. **4**

    d) How to control access with PHP and MySQL. **4**

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