LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc. DEGREE EXAMINATION – COMPUTER SCIENCE

SIXTH SEMESTER – APRIL 2010

CS 6609/CA 6609 - WEB PROGRAMMING WITH PHP AND MYSQL

Date & Time: 15/04/2010 / 9:00 - 12:00   Dept. No.   Max. : 100 Marks

PART – A

Answer ALL the Questions   **(10 x 2 = 20 marks)**

1. Expand PHP. State any four features of PHP.
2. Give any two naming rules for variables.
3. Define Cookies.
4. What is the use of session object in PHP?
5. Draw the three levels of database architecture.
6. Differentiate Primary Key & Foreign Key.
7. Explain subquery with an example.
8. Write any four database storage engine of MySQL.
9. Give the code for setting a session variable.
10. Give the syntax for grouping data in MySQL.

PART – B

Answer ALL the Questions   **(5 x 8 = 40 marks)**

11. (a) Write a PHP code to check whether a given number is prime or not using while loop.

(or)

(b) Differentiate between for and foreach with examples.

12. (a) Explain the read/write operation of file an PHP with an examples.

(or)

(b) Briefly discuss about user defined functions in PHP.

13. (a) Explain the classification of Integrity Constraints with examples.

(or)

(b) Discuss about various Normal Forms in Detail.

14. (a) Explain sorting and filtering in Mysql.

(or)

(b) Write short notes on the data types supported by MySQL.

15. (a) Write a PHP code for making a connection with MySQL, create a Database Table and Populate it.

(or)

(b) Write notes on formatting query outputs.

PART – C

Answer Any TWO Questions   **(2 x 20 = 40 marks)**

16. (a) What are the various conditional statements available in PHP? Explain with examples.

    (b) Define Arrays. Discuss about the types of arrays.

17. (a) Explain the Major DBMS Functions & Components in Detail.

    (b) 14.Solve the following queries. Student (id, name, class, mark1, mark2, mark3, Avg).

    (i)   List all students whose name start with 'JA' and ends with 'N'.

    (ii)   Find all students in class III whose avg is greater than or equal to 75.

    (iii) Find all students whose avg is within the range 65 to 75.

    (iv) List all students who Fails.

    (v)   Select all the rows of avg in ascending order.

18. (a) Write a PHP code to check the authentication of the user.

    (b) Explain in detail about Error handling in PHP.

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