M.S.Ramaiah Institute of Technology

(Autonomous Institute, Affiliated to VTU)

Department of Computer Science & Engineering

QUESTION BANK FOR IVSEMESTER (Term: Jan-May 2016)

Internet Technologies & Software Development for Portable Devices Laboratory (CSL612)

I.A. Marks : 50	**Exam Hours: 03**
Credits: 0:0:1	**Exam Marks: 50**

Note : Any combinations of questions from PART-A may be asked in the examination

PART-A

1.	Using PHP and MySQL, develop a program to accept 'Car' information viz.Registration number, model, color, mileage, year_of_registration from a HTML5 page. Write a program to execute the following queries. i) Store the information in a database ii) Search for a car with the model specified by the user and to display the search results with proper headings.
2.	Using PHP and MySQL, develop a program to accept 'Employee' information viz. Emp name, Emp code, Dept, Basic Salary from a HTML5 page. Write a PHP program to execute the following queries i) Store the information in a database ii) Search for a employee with the name specified by the user and to display the search results with proper headings.
3.	Write a PHP program that connects to the MySQL database COLLEGE. Create table called STUDENT with suitable fields. Write a program to execute the following query i) Display the Students whose CGPA is below 9. ii) Update the student table to change the cgpa of student named "john" from 8.96 t0 9.4. and display the results.
4.	Write a PHP program to read student name, USN ,branch and a radio button for mode of admission either CET or COMED_K from the user using HTML5 Write a PHP program to execute the following queries i) Insert entered data from user to MySQL Database. ii) Extract the students who are admitted through CET and branch is CSE, display the result in a proper format on a HTML page.
5.	Create a MySQL database called 'Library '. Create a table called 'csebooks ' with fields 'Name', 'title ', 'author ' and 'year'. Write a PHP program to execute the following queries i) Accept these fields information from a web page and to store those in the table. ii) Search a book for a title given by the user on a web page and display the search results with proper headings
6.	Use MYSQL to create a database STUDENT and table ELECTIVE (assume the fields) and write a PHP program to execute the following query i) Display the entire elective list which has been offered from CSE department. ii) Name the subject which has 0 registration.

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7.	Create a MySQL Database called 'FinalYears'. Create a Table 'Student' with 'USN','Name' and 'Age' as fields. Write a PHP program to to execute the following query i) Insert your USN, Name and Age information into the table from a web page ii) Check whether he/she is eligible for voting or not.
8.	Create a MySQL database called 'Movies'. Create a table called 'HindiFilms' with fields 'Name', 'Budget', 'Hero' and 'Heroine'. Write a PHP program to execute the following queries i) Accept these fields information from a web page and to store those in the table. ii) Program to search a movie for a title given by the user on a webpage & display search results with proper headings
9.	Use MYSQL to create a database EXAM and table RESULT, (assume the fields) and write a PHP program to execute the following queries i) Display the name of the student who scored S grade in 'JAVA' subject ii) Count the number of 'F" grade for 'JAVA subject
10.	Write a PHP-MySQL program to create Student table with following fields USN, Name, Branch. Write a PHP program to execute the following queries i) Enter data through the program for the above table. ii) Display the students who belong to ECE branch.
11.	Using PHP and MySQL, write a program to accept the User Name, Gender and Age and store it the Database. Write a program to execute the queries to display a greeting message that is age appropriate. i) 60 year old Gentleman named Francis, display *"Namaste Uncle Francis"* ii) 60 year old Lady named Benazir, display "Namaste Aunty Benazir" iii) 18 year old guy named Mahesh, display *"Hi! Mahesh. How are you dude? "*
12.	Using PHP and MySQL, write a program to create registration form with the following fields - Name, User name, password and confirm password (both must be the same) and store it in the MYSQL database and perform the following validations. i) check if both the passwords are the same. ii) check if user name, password, confirm password, are not empty

PART-B

1. Demonstration of an Android Application as a part of Software Development and Portable Devices Lab.

Note:
   PART-A (15 Marks for Execution   + 5 Marks for Modifications): 20 Marks
   PART –B   (Demo)   : 10 Marks
   Quiz   : 20 Marks (IT:5M+SDPD:15M)
   For Change of question: :- 5 Marks

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