

2013

MCA

5th SEMESTER EXAMINATION

ADVANCED TOPIC LAB (PHP & MYSQL LAB)

PAPER—505

(PRACTICAL)

Full Marks : 100

Time : 3 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Answer any one question (on lottery basis).

1. Design a login page for an administrator. After login only, an admin can visit any page (dummy). Or would be returned to login page. 70

2. Create a web page as per client requirement given below :
Teacher Name: Text Box
Course: Radio Button
Submit : Submit Button 70

3. Create a web page to validate an arithmetic captcha. Use session to validate a captcha. 70

Ca : 5+3 =

(Turn Over)

4. Create a well designed page using external css where a user inputs two number and print the maximum number in another page. 70
5. Create a web page to edit the following information and store the updated information in database. Create the database. 70
Name: Text Box
Subject: Check Box
6. Design a page to take input of two numbers. Add the given two numbers using PHP to show the result in a text box. Apply CSS to design a page. 70
7. Create a web page using inline CSS to upload an image and store the image name in a table. 70
8. Design a web page to show information present in a table of a database. Candidates have to design its own structure of a table with minimum four different fields. 70
9. Design a web page for a User club, which allows users to add his/her name, ID, Group and City of Residence. Allow listing of members of the club in a nice tabular form. 70
10. Design a web page to implement user registration process. User submits username, password, phone no., email. Also, check the availability of the username. After successful registration, print a success message. 70
11. Create a simple web page to calculate the age of person by taking the input of name and date of birth. 70

12. Create a student database using MySQL with name, roll, marks of three subjects (MATH, SCIENCE, ENGLISH). Create a page in PHP to access the table against roll and to generate the average marks of the student and display the average marks. 70
13. Design a page to take an integer as input. Calculate the factorial of the integer and show the result in the page. Design the page using CSS. 70
14. Design a page to search for a record from the table Emp(eno, ename, address, salary, dob). The page first asks for the name of the field based on which the search would be carried out. Then the page would ask for the value of the field to search. The page displays the result of the outcome. 70
15. Consider the table Emp(eno, ename, salary, dob). The page asks for the employee number from user. Calculate the tax of the employee if the salary is greater than two lakhs per annum and the formula for tax calculation is $\text{tax} = (\text{annual salary} - 200000) \times 0.15$. Display the tax of the employee on the page along with name of the employee.
16. Design a page to change the password of the user. The page asks for the login name first. After login name is submitted, the page asks for the current password and the new password. The page also asks the user to re-enter the new password. After validating, the page displays 'the password changed successfully'.

17. Design a page that asks for the names of a boy and a girl, their dates of birth. Store the information in the table **Pair(pair_id, boy_name, girl_name, boy_dob, girl_dob, match)** keeping the 'match' field blank. Check whether both of them are above eighteen years old. If yes, check whether the age difference between them is not greater than 5 years. If yes, update the 'match' field as 'yes', otherwise update as 'no'.
 18. Create a table **Movie (Mv_id, Mv_name, Male_actor, Female_actor, Director)**, Store the data of 10 different movies in the table. Applying CSS, design a page that will display the details of movie when user input the name of movie through a text box on the page. The page shows the names of the movies that nearly match with the input in absence of the exact match.
 19. Create a table **Vaccine (Vaccine_id, Vaccine_name, Qualified Age, Price)**. Insert five different child vaccine details in the table. The qualified age should be in months. Design a page that asks for date of birth of child, calculate the age and finally displays the name and price of the vaccine that can be applied to the child.
 20. Consider the table **Emp (Eno, Ename, salary, Experience)**. Design a page that asks for a employee id from the user. Update salary of the employee in the table according to year of experience : increase salary by 5% if experience is above 5 years, otherwise increase by 3%.
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