



2018 III 17

1000

Seat No. :

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Time : 2 Hours

WEB TECHNOLOGY
(New Pattern)

Subject Code

V	3	1	7
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Total No. of Questions : 5

(Printed Pages : 3)

Maximum Marks : 50

INSTRUCTIONS: I) **All questions are compulsory.**

II) Figures to **right** indicate **full** marks.

III) Q. NO. 1 is based on database concept.

IV) Q. NO. 2 and Q. NO. 3 **A, B** are based on Mysql.

V) Q. NO. 3 **C, D** and Q. NO. 4 are based on PHP.

VI) Q. NO. 5 is based on Mysql and PHP connectivity.

1. A) Name the term used for the row wise information in a relational database. [1]
- B) What is an entity in a relational database ? [1]
- C) Answer the following : [4]
 - 1) Explain the NULL value concept.
 - 2) Explain briefly data independence in a database.
- D) Answer the following : [4]
 - 1) Explain the three levels architectural proposal of DBMS, with a neat diagram.
 - 2) With the help of an E-R diagram, explain the payroll system.
2. A) Name the command/clause that is used to specify the number of records to display. [1]
- B) Write a Mysql query to remove all the rows from the table "product". [1]
- C) Answer the following : [4]
 - 1) Briefly explain the char and varchar data types in Mysql.
 - 2) Explain the update command with an example.
- D) Write Mysql queries for the following (any one). [4]
 - 1) Table 'staff' consist of the following fields :
Staff_id, Firstname, Lastname, email_id, phoneno
 - a) List all the records having email account of gmail.
 - b) Insert another field Date_of_join between Lastname and email_id.



- c) List Firstname, Lastname and Phoneno of all the Staff who joined before 31st December 1990.
- d) Change the email_id of the staff to “xyz @ rediffmail.com” whose staff_id = 102.
- 2) Table ‘Employee’ consist of the following fields Empno, Empname, Salary, Department and date_of_birth.
- a) Change the date_of_birth to “25th December 1980” of employee whose Empname is ‘Rajesh’.
- b) Decrease the salary of the employee by Rs. 1,500 whose Empno is 1001.
- c) Display the total salary paid for the employees of each department.
- d) Add a new field ‘Designation’ of varchar data type of length 15 before salary.
3. A) Name the function in Mysql which returns the sign of the argument. [1]
- B) Answer the following : [4]
- 1) What are database triggers ?
- 2) Explain the following functions with an example.
- a) ROUND ()
- b) DAYNAME ()
- C) Name the operator which concatenate two strings. [1]
- D) Answer the following : [4]
- 1) Explain the switch statement in PHP, with an example.
- 2) Explain user defined functions in PWP.
4. A) Name the mode to create a new file to write only. If file already exists it returns false and an error. [1]
- B) How is echo statement different from print () ? [1]
- C) Answer the following : [4]
- 1) Explain the file upload command in Php with example.
- 2) What is the use of ‘Include’ statement in Php and how is it different from ‘Require’ statement ?
- D) Answer the following (any one) : [4]
- 1) Write a Php code to find the sum of the digits and also reverse the given number.
- 2) Write a Php code to count the number of words in a given sentence.



5. A) With an example, explain Mysql-error () function. [2]

B) Explain the following segments of Php code. [4]

1) \$q¹ = Mysql _query (Select Designation, Count (*) from Employee group by Designation);

2) \$q² = Mysql _query ((update mark_tbl set remark = 'Distinction' where total > 385 or percent > = 75);

C) Write the Php code for the following (any one). [4]

1) Write Php code to delete a record from

Database : Customer

Table : Order_tbl

Fields : Order no, Productname, Qty, Price

Accept the orderno from the user.

On pressing **DELETE** button, delete the record if exist and display the message 'Record has been deleted successfully'.

Also display all the remaining records as follows :

Order No.	Product Name	Qty	Price
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2) Write a PHP code to retrieve the data from

Database : Commission

Table : Sale_tbl

Fields : Salesman, Date of sale, Salesamount

Calculations :

To calculate commission, the conditions are

If sales amount is greater than equal to 50,000 commission is 6% of sales amount.

If sales amount is less than 50,000 commission is 4% of sales amount.

Sort the records on salesman and print as report as follows.

Statement of salesman commission.

Salesman	Date_of_sale	Sales amount	Commission
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