**Exam1: PHP-MYSQL Evidence Question:**

Q1. Create a table in **bank** database,

Table name: **account**-id(int), name(varchar(50)), account\_type(enum(‘saving’,’current’)), opening\_balance(int).

CREATE table account (

id INT NOT NULL AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(50),

account\_type ENUM('Savings', 'Current'),

opening\_balance INT

) ENGINE=INNODB;

Create a form to insert data into the table.

account\_entry.php

<?php $mysqli = new MySQLi('localhost', 'root', '', 'bank' )?>

<?php

if($\_SERVER['REQUEST\_METHOD']=='POST') {

extract($\_POST);

$result = $mysqli->query("INSERT INTO account VALUES('', '$name', '$account\_type', '$opening\_balance')");

if($mysqli->affected\_rows>0) {

echo "<h1>Successfully inserted</h1>";

}

}

?>

<form method="post" action="">

<input type="text" name="name" placeholder="Name"><br>

<select name="account\_type">

<option>Savings</option>

<option>Current</option>

</select><br>

<input type="text" name="opening\_balance" placeholder="Opening balance"><br>

<input type="submit" name="submit" value="Submit">

</form>

Write PHP script to search a account holder by id or name or account\_type and display the

information in a form.

Search.php

<?php $mysqli = new MySQLi('localhost', 'root', '', 'bank' )?>

<?php

if($\_SERVER['REQUEST\_METHOD']=='POST') {

extract($\_POST);

$result = $mysqli->query("SELECT \* FROM account WHERE id = '$txt' OR name = '$txt' OR account\_type = '$txt'");

if(!$result->num\_rows) {

echo "No data found";

} else {

While($data=$result->fetch\_array()) {

echo "<h2>Found" . $result->num\_rows. "numbers of records</h2>";

echo "ID: ". $data['id'].

"Name: " . $data['name'].

"Account Type: ". $data['account\_type'].

"Opening Balance: ". $data['opening\_balance']. "<br>";

}

}

}

?>

<h1>Search Form</h1>

<form method="post" action="">

<input type="text" name="txt" placeholder="Search here"><br>

<input type="submit" name="submit" value="Search">

</form>

Q2. From the above account table retrieve all records and display them in tabular form.

Create option to delete one or more records at a time.

Account\_display.php

<?php $mysqli = new MySQLi('localhost', 'root', '', 'bank' )?>

<?php

$result = $mysqli->query("SELECT \* FROM account");

if(!$result->num\_rows) {

echo "No data found";

} else {

?>

<form method="post" action="delete.php">

<table border=”1”>

<tr>

<th>ID</th>

<th>Name</th>

<th>Account Type</th>

<th>Opening Balance</th>

<th><input type="submit" name="submit" value="DELETE"></th>

</tr>

<?php

While($data=$result->fetch\_array()) {

?>

<tr>

<td><?php echo $data['id'] ?></td>

<td><?php echo $data['name'] ?></td>

<td><?php echo $data['account\_type'] ?></td>

<td><?php echo $data['opening\_balance'] ?></td>

<td>

<input type="checkbox" name="records[]" value="<?php echo $data['id'] ?>"></td>

</tr>

<?php

}

echo "</table>";

}

?>

Delete.php

<?php $mysqli = new MySQLi('localhost', 'root', '', 'bank' );

if(isset($\_POST['submit']) && isset($\_POST['records'])) {

extract($\_POST);

foreach ($records as $id) {

$mysqli->query("DELETE FROM account WHERE id = '$id'");

}

if ($mysqli->affected\_rows>0) {

echo "<h1>Account deleted</h1>";

}

}

?>

Q3. Create a database in MySQL server which will contain a table

Student(id,name,gender,round,module).

Write PHP script to insert data in the database using form.

Write PHP script to search student by id and display information.

Q4. a) Create table named **customer** (id-(int-autoincrement),name(varchar(30)),address(varchar(100)), gender(enum(‘Male’,’Female’)),type(enum(‘Regular’,’Iregular’)).

* Create a form and write code to insert data into table where use text box for name and address, radio button for gender and checkbox for type entry.

c) Search customer by customer id and show the retrieve data in a form, Add update and delete

button in the form to update or delete the particular customer information.

Q5. Create a database named ‘Company’ and create two tables named ‘product (ID\*, name, price)’ and manufacturer(mID\*, productID\* ,companyname, address).

* Create a view to show all manufacturer information with product details.

CREATE VIEW product\_details AS

SELECT id, [product.name](http://product.name/) AS PName, price, [manufacturer.name](http://manufacturer.name/) AS MName, address

FROM product, manufacturer

WHERE [product.id](http://product.id/) = manufacturer.product\_id

Create an after delete trigger to delete products when the corresponding manufacturer will be deleted.

DELIMITER $$

CREATE TRIGGER after\_product\_delete

AFTER DELETE ON product

FOR EACH ROW

BEGIN

DELETE FROM manufacturer

WHERE

product\_id = OLD.id;

END$$

DELIMITER ;

* Create a stored procedure/function to calculate product price after 10% discount.