

**Question 3****[5 Marks]**

ANSWER SCHEME QUESTION 3 PART 2 - SET A, B, C

```
function validate()
{
    if(document.myForm.username.value == "" || document.myForm.username.value.length < 6 || document.myForm.username.value.length > 8)
    {
        alert("Please provide your Username, and it must 6 to 8 characters!");
        return false;
    }

    if( document.myForm.idNumber.value == "" ||
        isNaN(document.myForm.idNumber.value ) ||
        document.myForm.idNumber.value.length != 5 )
    {
        alert( "Please provide your ID in the format #####." );
        return false;
    }

    return( true );
}
```

```
function validate()  
{  
    if(document.myForm.username.value == "" ||  
        document.myForm.username.value.length < 6 |  
        document.myForm.username.value.length > 8)  
    {  
        alert("Please provide your Username, and it must 6 to 8 characters!");  
        return false;  
    }  
  
    if( document.myForm.idNumber.value == "" ||  
        isNaN(document.myForm.idNumber.value ) ||  
        document.myForm.idNumber.value.length != 5 )  
    {  
        alert("Please provide your ID in the format #####." );  
        return false;  
    }  
    return( true );  
}
```

#### Question 4

[5 Marks]

#### ANSWER SCHEME QUESTION 4 SET A [5 MARKS]

```
<html>
<head><title>Exercise</title></head>
<body>
<h3>Question 1</h3>
<b>Welcome to HTML</b>
</body>
</html>
```

Both <html> tags

Both <head> tags

Both <body> tags

**All three  
complete -  
2m**

Complete <title> element with correct text

**1m**

Complete <h3> element with correct text

**1m**

Complete <b> element with correct text

**1m**

**QUESTION 5 PART 2 - SET A**

**MARKING GUIDE:**

**STRUCTURE OF THE CODE OR VARIABLE NAMES MAY VARY, BUT THE HIGHLIGHTED CODES SHOULD BE THE SAME, ELSE IT MIGHT INDICATE THE STUDENT IS CHEATING (COPY ANSWERS FROM OTHER SET OR FROM INTERNET)**

**Answer 5(a) – [4 Marks]**

**Example coding structure for 5(a):**

1	<?php
2	\$servername = _____;
3	\$username = _____;
4	\$password = _____;
5	\$dbname = _____;
6	
7	\$conn = _____;
8	
9	if (!\$conn) {
10	die(" ERROR: Could not connect.");
11	}
12	?>

*config.php*

Line 2: 'localhost' [0.5m]

Line 3: 'admin' [0.5m]

Line 4: 'SECV1223' [0.5m]

Line 5: 'mydatabase' [0.5m]

Line 7: mysqli\_connect(\$servername,\$username,\$password,\$dbname) [0.5m]

Line 9 & 10: checking error and error message [0.5m]

Complete and logically structured code [1m]

### Answer 5(b) – [4 Marks]

#### Example coding structure for 5(b):

1	<?php
2	_____ ; // create a connection to the database
3	
4	\$name = _____ ;
5	\$email = _____ ;
6	\$matric = _____ ;
7	
8	\$sql = _____ ;
9	
10	\$query = mysqli_query(\$conn, \$sql);
11	
12	mysqli_close(\$conn);
13	?>

*insert\_student.php*

Line 2: include ('config.php') [0.5m] -> file name is based on what the student answer in Question 5a

Line 4: \$\_POST['stud\_name'] [0.5m]

Line 5: \$\_POST['stud\_email'] [0.5m]

Line 6: \$\_POST['stud\_matric'] [0.5m]

Line 8: "INSERT INTO student(student\_name,student\_email,student\_matric) VALUES ('\$name','\$email','\$matric')"

Complete and logically structured code [1m]

### Answer (5c) – [6 Marks]

#### Example coding structure for 5(c):

```
1  <?php
2
3  _____; // create a connection to the database
4
5  $matric = _____;
6
7  $sql = _____;
8
9  $query = mysqli_query($conn, $sql);
10
11 if (mysqli_num_rows($query) > 0) {
12
13 while ($rows = mysqli_fetch_assoc($query)) {
14 echo "Student ID: ", _____, "<br/>";
15 echo "Student Name:", _____, "<br/>";
16 echo "Email Address:", _____, "<br/>";
17 echo "Matric Number:", _____, "<br/>";
18 echo "<a href=_____>Update Record</a><br/>";
19 echo "<a href=_____>Delete Record</a><br/>";
20     }
21 }
22 else {
23     echo "<h3>No records found</h3>";
24 mysqli_close($conn);
25 ?>
```

*view\_student.php*

Line 3: include ('config.php') [0.5m] -> file name is based on what the student answer in Question 5a

Line 5: \$\_POST['stud\_matric'] [0.5m]

Line 7: "select \* from student WHERE student\_matric='\$matric'" [1m]

Line 14: \$rows["student\_id"] [0.5m]

Line 15: \$rows["student\_name"] [0.5m]

Line 16: \$rows["student\_email"] [0.5m]

Line 17: \$rows["student\_matric"] [0.5m]

Line 18: update\_form.php?id=", \$rows["student\_id"], [0.5m]

Line 19: delete\_student.php?id=", \$rows["student\_id"], [0.5m]

Complete and logically structured code [1m]

**Answer 5(d) – [4 Marks]**

**Example coding structure for 5(d):**

```
1  <?php
2  _____; // create a connection to the database
3  $id = _____;
4  $name = _____;
5  $email = _____;
6  $matric = _____;
7  $sql = _____;
8
9  if (mysqli_query($conn, $sql)) {
10     echo "<h3>Record updated successfully</h3>";
11 } else {
12     echo "Error: " . $sql . "<br>" . mysqli_error($conn);
13 }
14 mysqli_close($conn);
15 ?>
```

***update\_student.php***

Line 2: include ('config.php') [0.25m] -> file name is based on what the student answer in Question 5a

Line 3: \$\_POST['id'] [0.25m]

Line 4: \$\_POST['student\_n'] [0.5m]

Line 5: \$\_POST['student\_e'] [0.5m]

Line 6: \$\_POST['student\_m'] [0.5m]

Line 7: "UPDATE student SET student\_name = '\$name', student\_email = '\$email', student\_matric = '\$matric' WHERE student\_id = '\$id'" [1m]

Complete and logically structured code [1m]

**Answer 5(e) – [2 Marks]**

**Example coding structure for 5(e):**

```
<?php
include ('config.php');
$id = $_GET['id'];
$sql = "DELETE FROM student WHERE student_id = '$id' " ;

if (mysqli_query($conn, $sql)) {
    echo "<h3>Record deleted successfully</h3>";
} else {
    echo "Error: " . $sql . "<br>" . mysqli_error($conn);
}
mysqli_close($conn);
?>
```

or

```
<?php
include ('config.php');
$id = $_GET['id'];
$sql = "DELETE FROM student WHERE student_id = '$id' " ;

$query = mysqli_query($conn, $sql);
mysqli_close($conn);
?>
```

`$id = $_GET['id'];` [0.5m]

`$sql = "DELETE FROM student WHERE student_id = '$id' " ;` [0.5m]

Complete and logically structured code [1m]