

15. After the user clicks on 'go' on the browser screen, what will be displayed?

- a) John Smith secret message
- b) John Smith
- c) Smith secret message
- d) John secret message
- e) Smith John secret message

Question	Answer
1.	b
2.	d
3.	d
4.	d
5.	c
6.	d
7.	a
8.	b
9.	e
10.	a
11.	e
12.	a
13.	e
14.	c
15.	d



Q2: Short Answer [20 Marks], 5 Marks each:

1. What is a cookie, and what is stored in it?

cookies are a client-side approach for persisting state information.

They are name=value pairs that are saved within one or more text files that are managed by the browser.

2. How does a browser decide what cookies to send along with a request?

The information in a cookie travels within HTTP header

cookies ~~are~~ values travel in every subsequent HTTP request for their domain.

3. Write a PHP script that retrieves cookies' information from the HTTP request, then stores the information in an associative array called "tmp", use cookie's name as a key and the cookie's value as the value for the array element.

```
foreach ($_COOKIE as
    $key => $var)
```

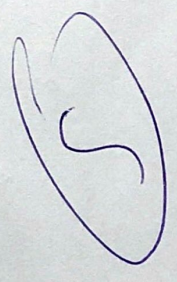
```
$tmp[$key] = $var;
```



4. Write a function in PHP which takes two parameters and **returns** (not echos) the HTML representing a link with the destination URL and link text/label reflecting the parameters passed in.

```
function printURL($Par1, $Par2) {  
    $msg = "<a href = \"\$Par1\">  
        # $Par2 </a>";  
    return $msg;  
}
```

3.



10/1



```
<html>
```

```
<head>
```

```
<title> mid Term Exam </title>
```

```
</head>
```

```
<body>
```

```
<?php
```

```
$dbhost = 'localhost';
```

```
$dbusername = 'test';
```

```
$db $pwd = 'test';
```

```
$dbname = 'school';
```

} initialisation & db connection

(5)

```
$pdo = new PDO("mysql:host=$dbhost;
```

```
dbname=$dbname", $dbusername, $pwd);
```

```
if (isset($_POST['gpa']))
```

```
    $gpa = $_POST['gpa'];
```

```
else $gpa = 0;
```

#SQL preparation (5)

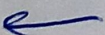
```
$sql = "select studentid, name, gpa from student where gpa >= '$gpa'";
```

```
echo '<table border="1">';
```

```
echo "<tr><th> student ID </th><th> Name </th><th> GPA </th></tr>";
```

```
$result = $pdo->query($sql);
```

table (5)





retrive data ( ~~pdo~~ pdo -> query + while

```
while($row = $result->fetch())
```

5

```
<tr><td>{$row['studentid']}<td>
<td>{$row['name']}</td>
<td>{$row['gpa']}</td></tr>"
```

```
$pdo = null;
```

```
echo "</table><br />";
```

```
echo '<form method = "post"
```

```
action = " . $_SERVER["PHP_SELF"]
">' ;
```

~~the~~ form

5

```
echo 'GPA Greater than ?
```

```
<input type = "text" name = "gpa" />
```

```
<br />' ;
```

```
echo '<input type = "submit" value = "Go" />
```

```
</form>' ;
```

```
?>
```

```
</body>
```

```
</html>
```