

Faculty of Computing
National School of Business Management

ONLINE EXAMINATION ANSWER BOOKLET

DECLARATION:

I acknowledge the NSBM Examination Honour Code, and **I hereby confirm** that the submitted work is entirely my own and I have not

- (i) used the services of any agency or person(s) providing a specimen, model, or ghost-written work in the preparation of the work I submit for this open-book examination.
- (ii) given assistance in accessing this paper or in providing a specimen, model or ghost-written work to other students submitting for this open-book examination.

Yes

I have marked the attendance

INDEX NO	20244	
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DEGREE PROGRAM	BSc (Hon) in Software Engineering UGC	BATCH 20.1
MODULE CODE	SE102.3	
MODULE	Web Application Development	

INSTRUCTIONS:

Use this answer booklet to answer structured essay type questions only.

When you upload to the LMS, you need to convert this file into PDF format and save with your index no.

All the submissions will be checked for plagiarism. Plagiarism, collusion, and copying are severe and grave offences in the university and penalties that would be imposed.

Question 01

a)

index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="keywords" content="craft, exhibition, arts">
  <title>Institute of Arts and Crafts</title>
</head>
<body bgcolor="#FFF99D">
  <p>
    
    <center>
      <h1>
        <font color="red">
          <u>Institute of Arts and Crafts</u>
        </font>
      </h1>
    </center>
  </p>

  <center>
    <h2>Annual Exhiition</h2>
  </center>
  <p>The annual
    <em><u><strong>Arts and Crafts Exhibition</strong></u></em>
    of the Institute of Arts and Crafts will be held on
    <strong>20/10/2010</strong>
    from <strong>10.00am</strong> to
    <strong>10.00pm</strong>
  </p>
  <center>
    <table border="1">
      <tr bgcolor="FFDDDA">
        <td>
          <strong>Venue: </strong>
        </td>
        <td>Arts Gallery</td>
      </tr>
      <tr>
```

```

        <td>
            <strong>Theme of Exhibition: </strong>
        </td>
        <td>A Green World</td>
    </tr>
</table>
</center>
<p>If you are interested in sponsoring this event</p>
<center>
    <p>
        <a href="http://www.iac.lk">Visit our institute website</a>
    </p>
</center>
</body>
</html>

```

b)

index.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="style.css">
    <title>Document</title>
</head>
<body>
    <h1 class="firsth1">Colombo West High School</h1>
    <h1 class="sech1">World Environmental day</h1>
    <p>Come join us plant 1000 trees on World Environmental Day and make a difference</p>
</body>
</html>

```

style.css

```
body{
    background-color: #FF2CFB;
}
h1.firsth1{
    font-family: Tahoma;
    color: blue;
    text-align: center;
    font-size: 40pt;
}
h1.sech1{
    font-family: Arial;
    font-size: 30pt;
    text-align: center;
    text-decoration: underline;
    color: green;
}
p{
    font-size: 25pt;
    font-style: italic;
}
```

Question 02

Q2html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <script type="text/javascript" src="q2.js"></script>
</head>
<body>
    <h1>Srilanka Automobile Importers Association</h1>
    <form name="forme">
        <legend><h4><u>Vehicle Order Confirmation</u></h4></legend>
        <table>
            <tr>
                <td>Customer Name</td>
                <td><input type="text" name="cname" id="name" placeholder="full name" required></td>
```

```

        </tr>
        <tr>
            <td>E-mail Address</td>
            <td><input type="text" name="email" id="email" placeholder="example@email.com"></td>
        </tr>
        <tr>
            <td>Invoice Number</td>
            <td><input type="text" name="invoice" id="invoice" placeholder="12345"></td>
        </tr>
        <tr>
            <td>Payment Method</td>
            <td>
                <select name="pay" id="pay">
                    <option value="0">Select</option>
                    <option value="1">Visa</option>
                    <option value="2">Master Card</option>
                    <option value="3">American Express</option>
                </select>
            </td>
        </tr>
        <tr>
            <td></td>
            <td><input type="checkbox" id="cbox" name="cbox">I agree to the terms and conditions</td>
        </tr>
        <tr>
            <td><input type="submit" value="submit" onclick="checkform()"></td>
            <td></td>
        </tr>
    </table>
</form>
</body>
</html>

```

Q2js

```
function checkform()
{
    var name = document.forme.cname.value;
    var email = document.forme.email.value;
    var num = document.forme.invoice.value;
    var payment = document.forme.pay.value;
    var box = document.forme.cbox;
    var pattern = /^[a-zA-Z0-9.!#$%&'*/+=?^_`{|}~-]+@[a-zA-Z0-9-]+(?:\.[a-zA-Z0-9-
]+)*$/;

    if (!email.match(pattern))
    {
        alert("Please enter a valid email address");
    }

    if (isNaN(num))
    {
        alert("The invoice number should contain only numbers!");
    }

    if (payment==0)
    {
        alert("Please select a payment option!");
    }

    if (!box.checked)
    {
        alert("Please agree to the terms and conditions!")
    }
}
```

Question 03

a)

form.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Document</title>
</head>
<body>

  <h1>Uploading a file</h1>
  <h2>Select the file to be uploaded</h2>

  <form action="">

    <table>
      <tr>
        <td>
          <input type="file" name="uplodingfile">
        </td>
      </tr>
      <tr>
        <td>
          <input type="submit" value="tosend">
        </td>
      </tr>
    </table>
  </form>
</body>
</html>
```

b)

form.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Document</title>
</head>
<body>

  <h1>Uploading a file</h1>
  <h2>Select the file to be uploaded</h2>

  <form action="insert.php" method="POST" enctype="multipart/form-data">

    <table>
      <tr>
        <td>
          <input type="file" name="uplodingfile">
        </td>
      </tr>
      <tr>
        <td>
          <input type="submit" value="Send File">
        </td>
      </tr>
    </table>
  </form>
</body>
</html>
```

insert.php

```
<?php

$fname = $_FILES["uplodingfile"]["name"];
$fctype = $_FILES["uplodingfile"]["type"];
$fsize = $_FILES["uplodingfile"]["size"];

echo "File Name: $fname <br>";
echo "File Type: $fctype <br>";
echo "File Size: $fsize <br>";

?>
```


c)

form.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Document</title>
</head>
<body>
  <h1>Uploading a file</h1>
  <h2>Select the file to be uploaded</h2>

  <form action="read.php" method="POST" enctype="multipart/form-data">

    <table>
      <tr>
        <td>
          <input type="file" name="uplodingfile">
        </td>
      </tr>
      <tr>
        <td>
          <input type="submit" value="Send File">
        </td>
      </tr>
    </table>
  </form>
</body>
</html>
```

read.php

```
<?php
    $f00pen=fopen($_FILES["uplodingfile"]["tmp_name"], "r");

    while (!feof($f00pen)) {

        $detailss=fgets($f00pen);
        echo "$detailss <br>";

    }
    fclose($f00pen);
?>
```

Question 04

a)

Index.php

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Document</title>
</head>
<body>
  <form action="index.php" method="POST ">
    <legend>
      <h1>Enter your Data</h1>
    </legend>
    <table>
      <tr>
        <td>Name</td>
        <td>
          <input type="text" name="namee">
        </td>
      </tr>
      <tr>
        <td>Password</td>
        <td>
          <input type="password" name="pwd">
        </td>
      </tr>
      <tr>
        <td>
          <input type="submit" value="Submit form" name="onsub">
        </td>
      </tr>
    </table>
  </form>

  <?php
    $conn = mysqli_connect("localhost", "user", "", "dbname");

    if(isset($_POST['onsub'])){

      $namee = $_POST["namee"];
      $password = $_POST["pwd"];

      echo "$namee";
      echo "$password";
    }
  </?php>
</body>
</html>
```

```

        $sql = "INSERT INTO login(name,password) VALUES('$name',$password)";
    }

    mysqli_close($conn);
?>
</body>
</html>

```

b)

index.php

```

<!DOCTYPE html>
<html lang="en">
<head>
    <title>Document</title>
</head>
<body>
    <form action="display.php" method="GET">
        <legend>
            <h1>Enter your Data</h1>
        </legend>

        <table>
            <tr>
                <td>Name</td>
                <td>
                    <input type="text" name="namee">
                </td>
            </tr>
            <tr>
                <td>Password</td>
                <td>
                    <input type="password" name="pwd">
                </td>
            </tr>
            <tr>
                <td>
                    <input type="submit" value="Submit form" name="onsub">
                </td>
            </tr>
        </table>
    </form>
</body>
</html>

```

display.php

```
<?php
$conn = mysqli_connect("localhost", "user", "", "dbname");

if(isset($_POST['onsub'])){

    $namee = $_POST["namee"];
    $password = $_POST["pwd"];

    echo "$namee";
    echo "$password";

    $sql = "INSERT INTO login(name,password) VALUES('$name',$password)";

}

mysqli_close($conn);
?>
```

c)

indexx.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Document</title>
</head>
<body>

    <form action="result.php" method="POST">

        <legend>
            <h2>Student Form</h2>
        </legend>
        <table>
            <tr>
                <td>Name: </td>
                <td>
                    <input type="text" name="namee">
                </td>
            </tr>
        </table>
    </form>
</body>
</html>
```

```

        </tr>

        <tr>
            <td>Marks: </td>
            <td>
                <input type="text" name="marks">
            </td>
        </tr>

        <tr>
            <td>
                <input type="submit" value="submit" name="onsub">
            </td>
        </tr>
    </table>
</form>
</body>
</html>

```

result.php

```

<?php
    if(isset($_POST['onsub'])){

        $namee = $_POST["namee"];
        $marks = $_POST["marks"];

        if($marks > 50){

            echo "Name: $namee <br>";
            echo "marks: $marks";

        } else{
            echo "You have Failed";
        }
    }
?>

```