

FACULTY OF ENGINEERING

B.E. VI-Semester (CBCS) (CSE) (Backlog) Examination, November 2020

Subject : Web Programming

Time: 2 hours

Max. Marks: 70

Note: Answer any five questions from Part-A and any four questions from Part-B

PART - A (5x2 = 10 Marks)

- 1. Explain about WWW and URL.
- 2. Write an HTML5 image tag with any four attributes.
- 3. Write JavaScript Code to validate phone numbers to be 10 digits.
- 4. What is DTD and Namespaces in XML.
- 5. What is the difference between Servlet and JSP.
- 6. Explain Anatomy of Servlet with diagram.
- 7. Explain HTTP Request Object in Ajax.
- 8. Explain functions in Python with example.
- 9. What are different types of JDBC drivers.
- 10. Write about session tracking in PHP.

PART-B (4x15=60 Marks)

- 1. a) Write an HTML5 program to create Students Registration page using Text field, Password field, checkboxes, radio button, select option and buttons.
b) Explain different types of Lists in HTML5
- 2. a) Explain XSLT and XML processors.
b) Write a program to display XML document with CSS and explain its working.
- 3. a) Explain Event handling in JavaScript.
b) Explain about control statement and functions in PHP.
- 4. a) Write python program to perform file operations.
b) Explain python interactive interpreter and data types in python.
- 5. a) What are the differences between CGI and Servlets.
b) Write a JSP program to retrieve data from an HTML form.
- 6. a) Explain sessions handling in Java Servlets.
b) Explain request string, Cookies and Sessions Object in JSP.
- 7. Write short notes on:-
 - a) Cascading Style Sheets.
 - b) Deployment Descriptor with example.
 - c) Pattern Matching in PHP.

Q3

```
<html>

  <head>

    <title>Phone no. validation </title>

    <script type="text/javascript">

      function check()
      {
        if((frm.phone.value).length != 10)
        {
          alert("Please enter a valid number of length 10");
        }
      }
    </script>
  </head>
  <body>
    <h2>Ur details </h2>
    <form name="frm" method="post" action="" >
      Phone: <input type="text" name="phone" placeholder="Enter your
phone no" />
      <br>
      <input type="submit" value="Submit" onclick="return check();" />
    </form>
  </body>
</html>
```



Q11a

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>Student details</title>
```

```
  </head>
```

```
  <body>
```

```
    <h2>Student details</h2>
```

```
    <form>
```

```
      <label>Your good name</label><br>
```

```
      <input type="text" name="hotel_name"><br>
```

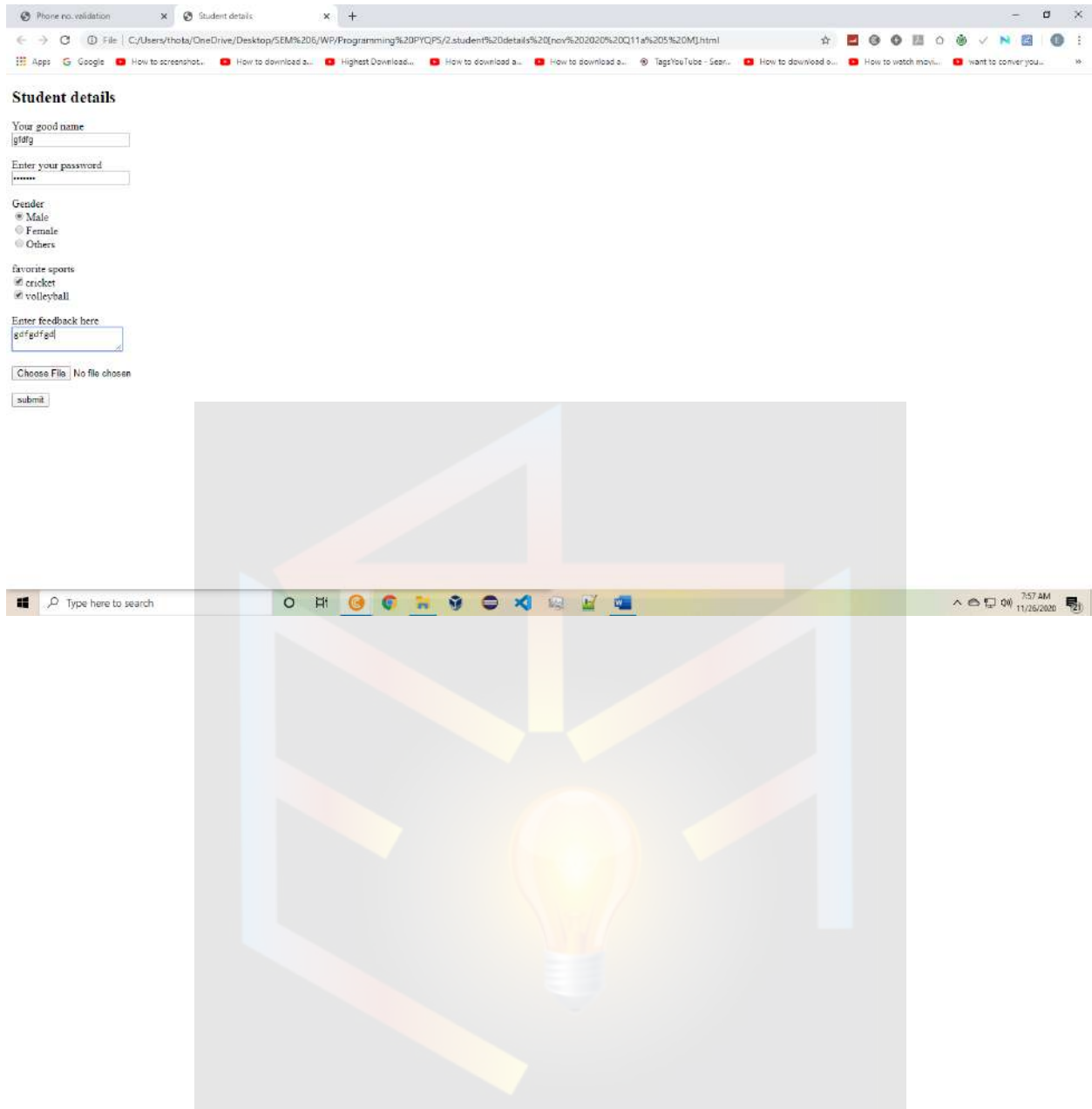
```
      <br>
```

```
      <label>Enter your password</label><br>
```

```
<input type="password" name="pass"><br>
<br>
<label>Gender</label><br>
<input type="radio" name="rating" value="Male">Male<br>
<input type="radio" name="rating" value="Female">Female<br>
<input type="radio" name="rating" value="Others">Others<br>
<br>
<label>favorite sports</label><br>
<input type="checkbox" name="game1" value="cricket">cricket<br>
<input type="checkbox" name="game2"
value="volleyball">volleyball<br>
<br>
<label>Enter feedback here</label><br>
<textarea></textarea>
<br><br>
<input type="file" name="file"><br>
<br>
<input type="submit" value="submit">

</form>

</body>
</html>
```



FACULTY OF ENGINEERING**B.E. VI – Semester (CBCS) (CSE) (Main) Examination, May / June 2019****Subject: Web Programming****Time: 3 Hours****Max. Marks: 70****Note: Answer All Questions from Part-A, & Any Five Questions from Part – B****Part – A (2 x 10 = 20 Marks)**

- 1) Define Web Server List out various Web Server operations.
- 2) Write html code to create a link for other section within the same page.
- 3) List out the differences between html and xml.
- 4) Explain the purposes of XML Processors.
- 5) Write a JavaScript code for ONFOCUS event.
- 6) List out various Data types supported in python.
- 7) What is the difference between Servlet Context and Servlet Config objects?
- 8) List out JSP implicit Objects.
- 9) Is multiple Inheritance is supported in PHP ? Justify your Answer.
- 10) What is persistent **cookie**?

Part – B (5 x 10 = 50 Marks)

11. a) What is HTTP and Explain Http Request and Response Formats? 5M
 b) Write short note on the following tags. 5M
 < img >, < table >, < frameset >, < pre >
12. a) What is the use of XML namespaces? Explain in detail with an example? 5M
 b) Why XSLT is important for XML? 5M
13. a) Write a java script code to find sum of n even numbers? Read the value of n from user? 6M
 b) What is AJAX? List out various security issues with AJAX? 4M
14. a) Define a Session. Explain Different Session handling Mechanisms in web applications. 6M
 b) Explain Different Types of JSP Directives in detail. 4M
15. a) What is Servlet chaining? 4M
 b) Write a jsp program to accept two values from the user using forms and display the sum to user? 6M
16. a) Develop PHP page for validating username and password? 6M
 b) Explain about pattern matching in PHP. 4M
17. a) What are the key features of python? 3M
 b) Difference between JavaScript and Ajax? 3M
 c) Write a note on PHP files? 4M

Q13a

```
<html>
```

```
  <head>
```

```
    <title>Phone no. validation </title>
```

```
  <script type="text/javascript">
```

```
    function findSum()
```

```
    {
```

```
      var n = prompt("Please enter a number to find sum of n even  
numbers");
```

```
      let result = 0;
```

```
      for(let i = 1; i <= n; i++)
```

```
      {
```

```
        if(i%2==0)
```

```
          result = result + i;
```

```
      }
```

```
      alert("Result is "+result);
```

```
    }
```

```
  </script>
```

```
  <head>
```

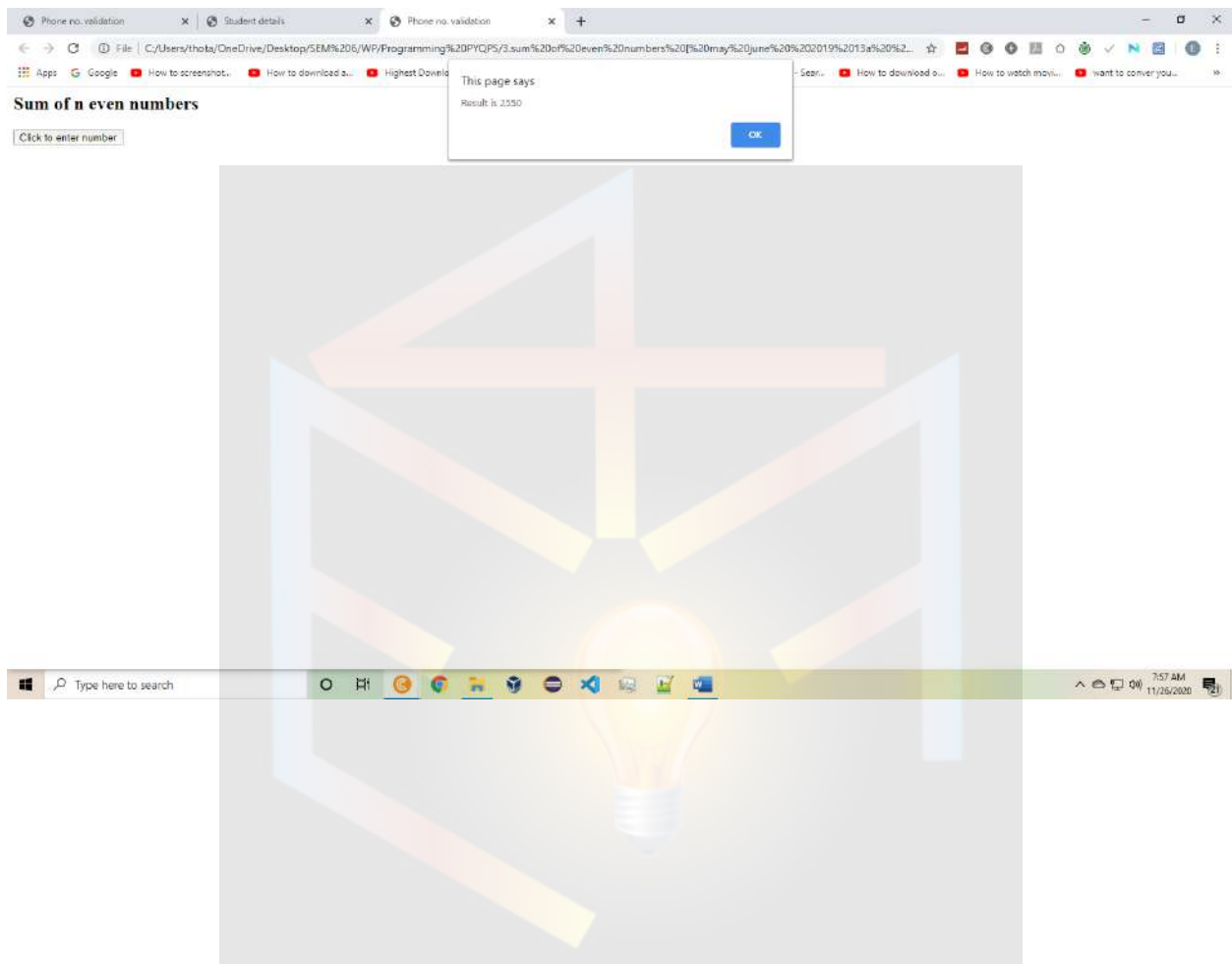
```
  <body>
```

```
    <h2>Sum of n even numbers</h2>
```

```
    <button onclick="findSum()">Click to enter number </button>
```


</body>

</html>



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FACULTY OF ENGINEERING

Code No. 221

B.E. 3/4 (CSE) Semester – II (Main & Backlog) Examination May/June 2018

Subject: Web Programming & Services

Max. Marks: 75

Time: 3 Hrs.

Note: Answer all questions from Part – A & any five questions from Part-B.

PART – A (25 Marks)

- | | |
|--|---|
| 1. List out the different HTTP Request methods. | 2 |
| 2. What is CSS? Enumerate inline styles with examples | 3 |
| 3. What is an XML name Space? | 2 |
| 4. Differentiate between jsp include directive and include action tag. | 3 |
| 5. Write a simple java script code which can Multiply two(2) numbers and display the result. | 3 |
| 6. List the Life Cycle methods of filter | 2 |
| 7. What is the purpose of a DTD? | 2 |
| 8. What is Servlet? Explain different life cycle methods of a Servlet? | 3 |
| 9. What is the difference between result set object and Rowset object? | 2 |
| 10. Write short notes on .Net Remoting? | 3 |

PART – B (50 Marks)

- | | |
|--|---|
| 11. a) Create a HTML document that includes at least two images and enough text to precede the images, flow around them [One on left and one on right] and continuator the last image? | 6 |
| b) Explain briefly about XML parsers | 4 |
| 12. (a) Write in detail the steps required to deploy a J2EE application. | 5 |
| (b) What is session? Explain different session handling mechanisms? | 5 |
| 13. (a) Illustrate about Lists, tables with suitable examples in XHTML? | 6 |
| (b) What are the advantages of XML over HTML? | 4 |
| 14. (a) Explain in detail different JSP elements | 4 |
| (b) What is filter? Explain the life cycle methods of filter and write a filter to Authenticate the user? | 6 |
| 15. (a) Write short notes on Java Mail API | 5 |
| (b) Explain in detail different JDBC drivers | 5 |
| 16. (a) Create a dynamic Web page with JSP which illustrates the usage at actions and scripting. | 6 |
| (b) What is well-formed XML document? | 4 |
| 17. (a) Discuss in detail .Net architecture? | 5 |
| (b) Explain the two ways of using JDBC for database Connectivity? | 5 |

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Q5

```
<html>
```

```
  <head>
```

```
    <title>Phone no. validation </title>
```

```
  <script type="text/javascript">
```

```
    function sum()
```

```
    {
```

```
      var a = prompt("Please enter first number ");
```

```
      var b = prompt("Please enter second number ");
```

```
      a =(parseInt)(a);
```

```
      b =(parseInt)(b);
```

```
      var sum = 0;
```

```
      sum=a*b;
```

```
      alert("sum of "+ a + "*" + b +" = "+sum);
```

```
    }
```

```
  </script>
```

```
  <head>
```

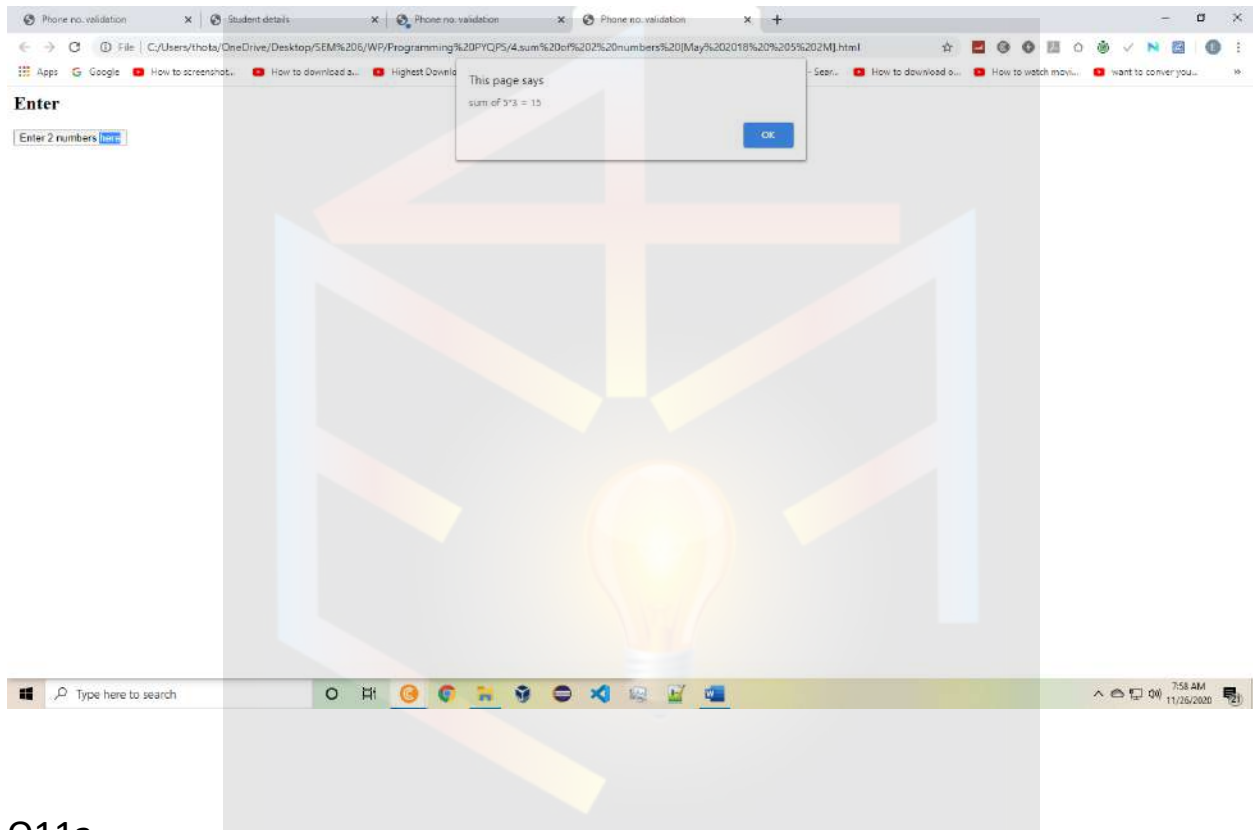
```
  <body>
```

```
    <h2>Enter </h2>
```

<button onclick="sum()">Enter 2 numbers here </button>

</body>

</html>



Q11a

<html>

<head>

<title>Images</title>

<style>

img.img1 {

```

float: right;

}

img.img2 {
float: left;
}

</style>

<head>
<body>

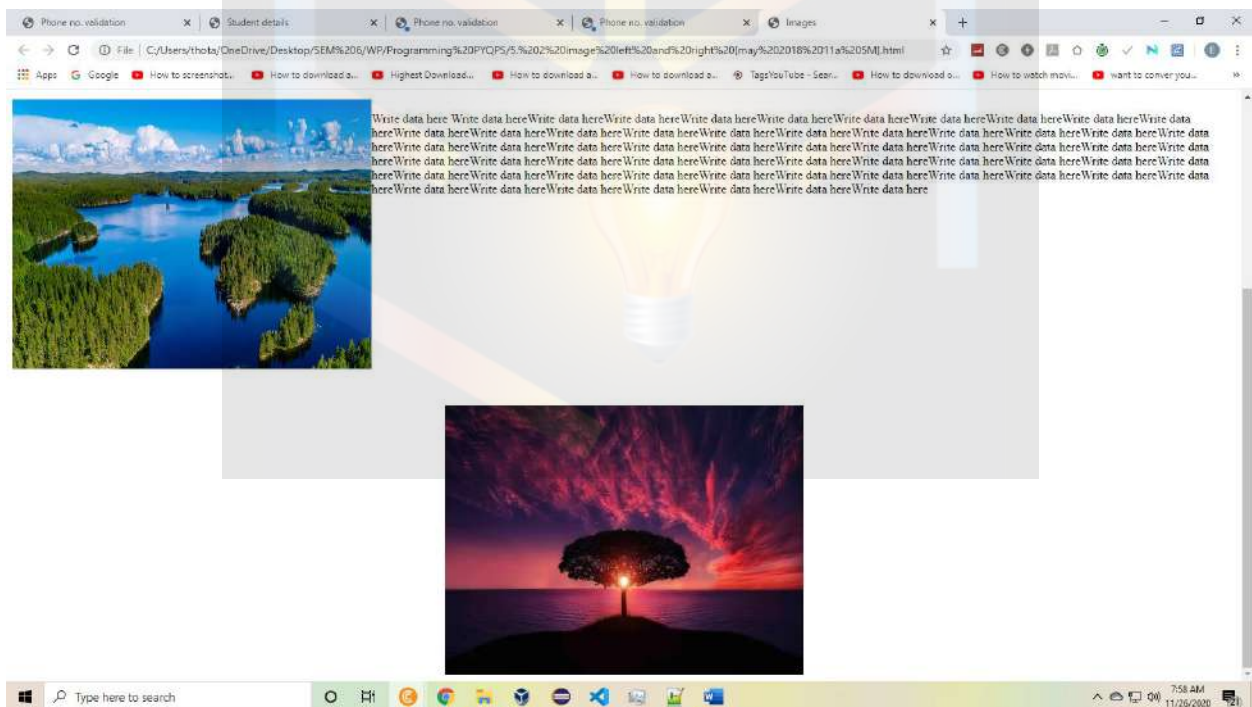
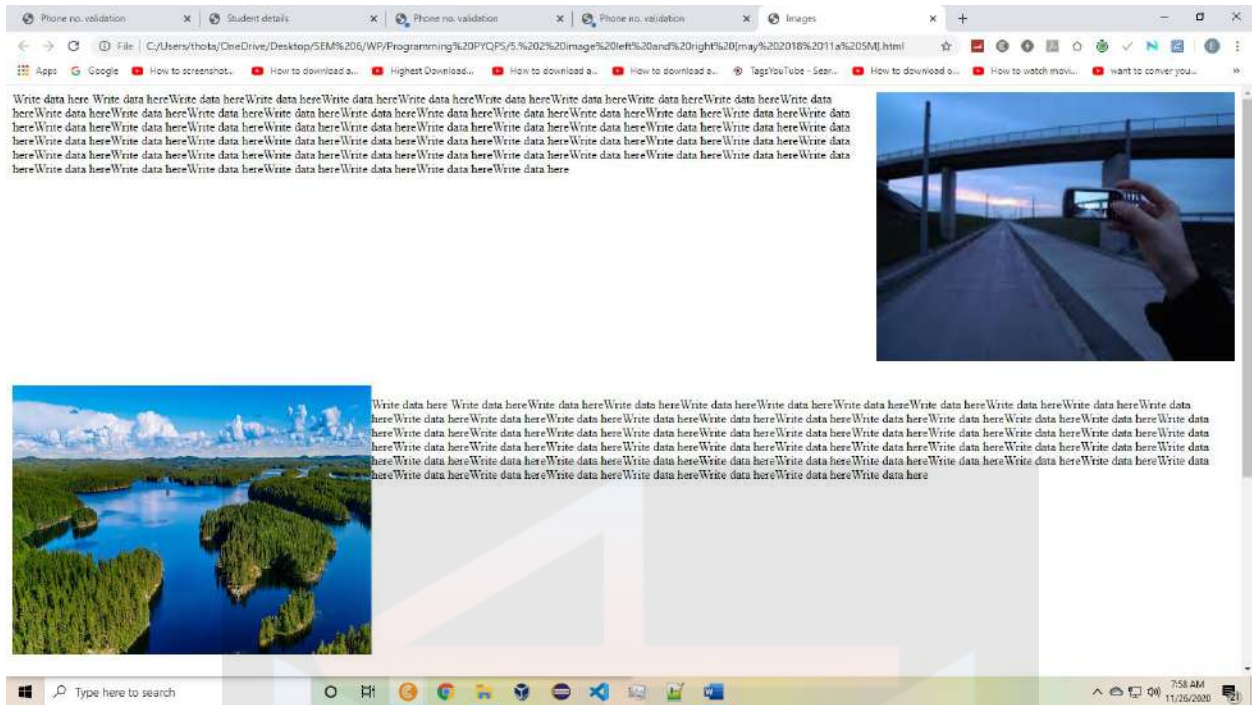


<p>Write data here Write data hereWrite data hereWrite data hereWrite
data hereWrite data hereWrite data hereWrite data hereWrite data
hereWrite data hereWrite data hereWrite data hereWrite data hereWrite data
hereWrite data hereWrite data hereWrite data hereWrite data hereWrite data
hereWrite data hereWrite data hereWrite data hereWrite data hereWrite data
hereWrite data hereWrite data hereWrite data hereWrite data hereWrite data
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hereWrite data hereWrite data hereWrite data hereWrite data hereWrite data
hereWrite data hereWrite data hereWrite data hereWrite data hereWrite data
hereWrite data hereWrite data here</p>

</br></br></br></br></br></br></br></br></br></br></br></br></br></br>



```

FACULTY OF ENGINEERING**B.E. 3/4 (CSE) II – Semester (Old) Examination, December 2017****Subject: Web Programming and Services****Time: 3 Hours****Max.Marks: 75****Note: Answer all questions from Part A and any five questions from Part B.****PART – A (25 Marks)**

- | | | |
|----|--|---|
| 1 | What is the purpose of DTD? | 2 |
| 2 | Write java script code to calculate roots of quadratic equation. | 3 |
| 3 | What is XSLT? | 2 |
| 4 | Define Servlet. | 2 |
| 5 | Mention the purpose of filter. | 2 |
| 6 | Why do we use directives in JSP? | 3 |
| 7 | Write differences between Row Set object and Result Set object. | 3 |
| 8 | What is the purpose of distributed transactions? | 3 |
| 9 | What is the purpose of distributed transactions? | 2 |
| 10 | List out ASP.NET life cycle phases. | 3 |

PART – B (50 Marks)

- | | | |
|-------|---|----|
| 11 a) | Write XHTML program to create form to fill personal details. | 5 |
| b) | Write java script program to validate user name. | 5 |
| 12 a) | What are the primary advantages of XML schema over DTD? | 3 |
| b) | Create XSLT style sheet for one patient element of the XML document of (information about patients must include name, social society number, age, room number, primary insurance company, know medical problems and know drug allergies). Make sample data for at least 4 patients. | 7 |
| 13 a) | What is session? Explain different session handling mechanisms. | 6 |
| b) | Explain different life cycle methods of servlet. | 4 |
| 14 a) | How to secure web applications? | 5 |
| b) | What is JSP? Explain advantages and disadvantages of JSP. | 5 |
| 15 a) | Explain steps involved in JDBC process. | 6 |
| b) | List out Row Set objects and explain. | 4 |
| 16 a) | Explain page level events in ASP.NET. | 7 |
| b) | Give the architecture of CLR. | 3 |
| 17 | Write short notes on: | 10 |
| a) | .NET remoting | |
| b) | JSP directives | |

Q 11a

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>Student details</title>
```

```
  </head>
```

```
  <body>
```

```
    <h2>Student details</h2>
```

```
    <form>
```

```
      <label>Your good name</label><br>
```

```
      <input type="text" name="hotel_name" /><br>
```

```
      <br>
```

```
      <label>Enter your password</label><br>
```

```
      <input type="password" name="pass" /><br>
```

```
      <br>
```

```
      <label>Gender</label><br>
```

```
      <input type="radio" name="rating" value="Male"/>Male<br>
```

```
      <input type="radio" name="rating" value="Female"/>Female<br>
```

```
      <input type="radio" name="rating" value="Others"/>Others<br>
```

```
      <br>
```

```
      <label>favorite sports</label><br>
```

```
      <input type="checkbox" name="game1"
```

```
      value"cricket"/>cricket<br>
```

```
<input type="checkbox" name="game2" value="volleyball"/>volleyball<br>
```

```
<br>
```

```
<label>Enter feedback here</label><br>
```

```
<textarea></textarea>
```

```
<br><br>
```

```
<input type="file" name="file"/><br>
```

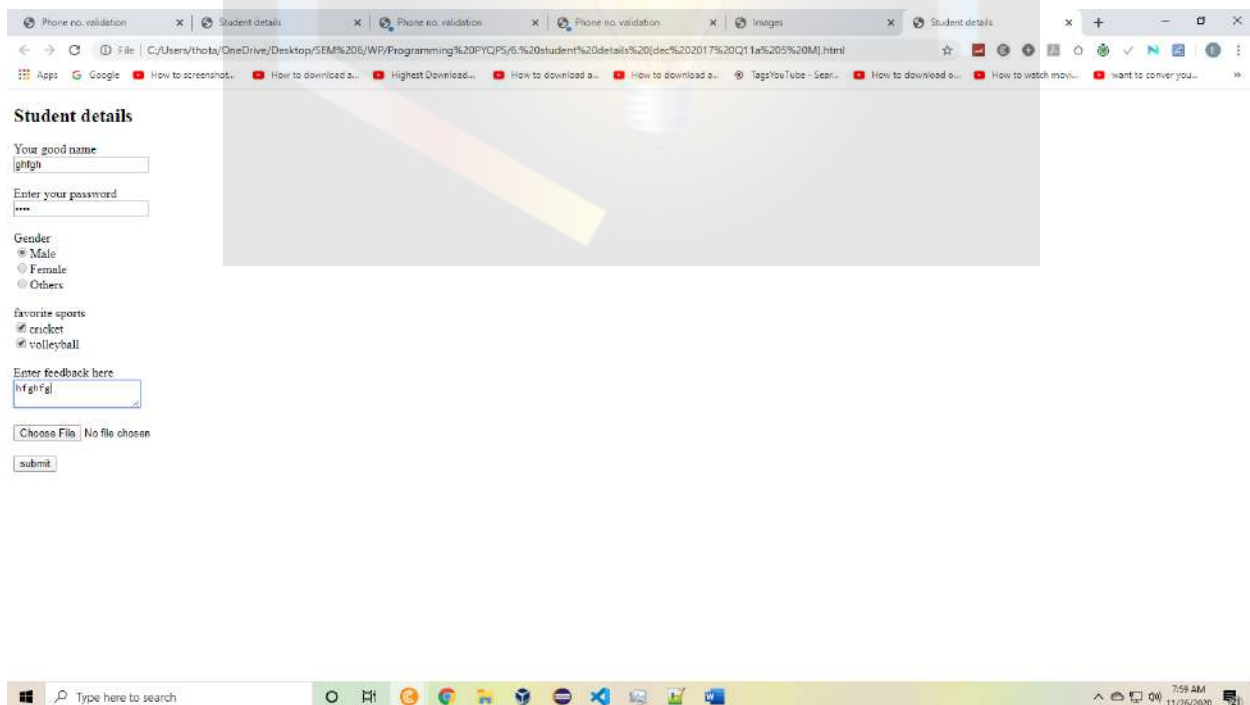
```
<br>
```

```
<input type="submit" value="submit"/>
```

```
</form>
```

```
</body>
```

```
</html>
```



Q11b

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<script>
```

```
function validateForm()
```

```
{
```

```
  if (myForm.fname.value == "")
```

```
  {
```

```
    alert("Name must be filled out");
```

```
    return false;
```

```
  }
```

```
  if((myForm.fname.value).length < 7) // u can write mutiple conditions depending  
  on ur wish and based on question
```

```
  {
```

```
    alert("Please enter a valid name of min length 7");
```

```
    return false;
```

```
  }
```

```
}
```

```
</script>
```

```
</head>
```

```
<body>
```

```
<form name="myForm" action="/action_page.php" onsubmit="return validateForm()" method="post">
```

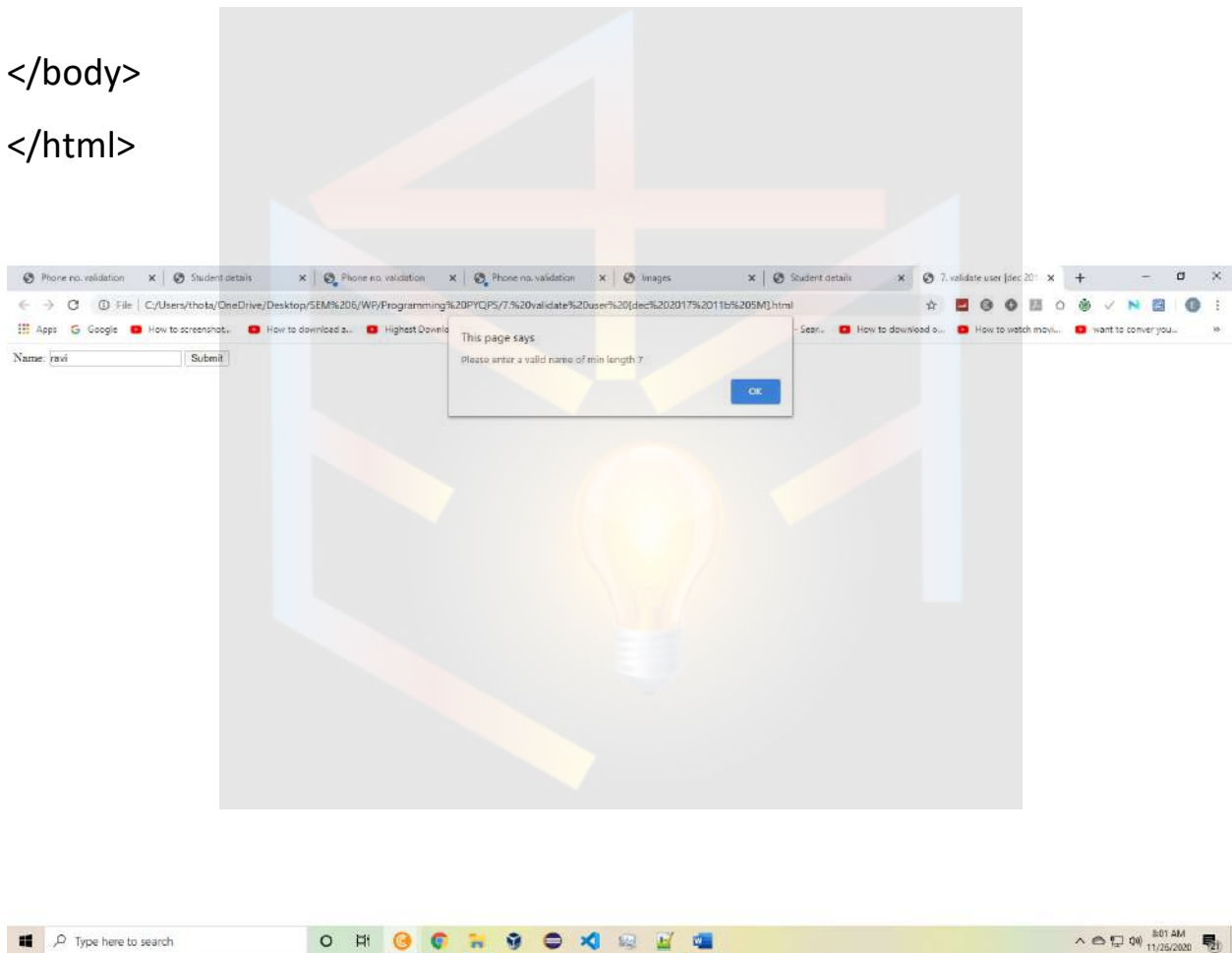
```
  Name: <input type="text" name="fname">
```

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

```
</form>
```

```
</body>
```

```
</html>
```



Q12b

wana try coddng it code here "

<https://www.w3schools.com/xml/tryxslt.asp?xmlfile=catalog&xsltfile=catalog>

"

XML Code:

```
<?xml version="1.0" encoding="UTF-8"?>
<hospital>
  <patient>
    <name>name1</name>
    <social_security_number>990</social_security_number>
    <age>40</age>
    <room_num>104</room_num>
    <insurance_company>abc</insurance_company>
    <medical_problem>abc</medical_problem>
    <drugs>abc</drugs>
  </patient>
  <patient>
    <name>name2</name>
    <social_security_number>991</social_security_number>
    <age>41</age>
    <room_num>114</room_num>
    <insurance_company>bcd</insurance_company>
```

```
<medical_problem>bcd</medical_problem>
<drugs>bcd</drugs>
</patient>
<patient>
  <name>name3</name>
  <social_security_number>992</social_security_number>
  <age>45</age>
  <room_num>105</room_num>
  <insurance_company>cde</insurance_company>
  <medical_problem>cde</medical_problem>
  <drugs>cde</drugs>
</patient>
<patient>
  <name>name4</name>
  <social_security_number>993</social_security_number>
  <age>40</age>
  <room_num>104</room_num>
  <insurance_company>abc</insurance_company>
  <medical_problem>abc</medical_problem>
  <drugs>abc</drugs>
</patient>

</hospital>
```

XSLT Code:

```
<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:template match="/">
<html>
<body>
<h2>HOSPITAL DETAILS</h2>
<table border="1">
<tr bgcolor="#9acd32">
<th style="text-align:left">name</th>
<th style="text-align:left">social_security_number</th>
<th style="text-align:left">age</th>
<th style="text-align:left">room_num</th>
<th style="text-align:left">insurance_company</th>
<th style="text-align:left">medical_problem</th>
<th style="text-align:left">drugs</th>
</tr>
<xsl:for-each select="hospital/patient">
<tr>
<td><xsl:value-of select="name"/></td>
<td><xsl:value-of select="social_security_number"/></td>
```


<td><xsl:value-of select="age"/></td>

<td><xsl:value-of select="room_num"/></td>

<td><xsl:value-of select="insurance_company"/></td>

<td><xsl:value-of select="medical_problem"/></td>

<td><xsl:value-of select="drugs"/></td>

</tr>

</xsl:for-each>

</table>

</body>

</html>

</xsl:template>

</xsl:stylesheet>

Trailhead banner: REMOTE CAREERS START HERE. Learn for free.

XML Code:

```
<?xml version="1.0" encoding="UTF-8"?>
<hospital>
  <patient>
    <name>name1</name>
    <social_security_number>990</social_security_number>
    <age>40</age>
    <room_num>104</room_num>
    <insurance_company>abc</insurance_company>
    <medical_problem>abc</medical_problem>
    <drugs>abc</drugs>
  </patient>
  <patient>
    <name>name2</name>
    <social_security_number>991</social_security_number>
```

XSLT Code:

```
<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
  <xsl:template match="/">
    <html>
      <body>
        <h2>HOSPITAL DETAILS</h2>
        <table border="1">
          <tr bgcolor="#9acd32">
            <th style="text-align:left">name</th>
            <th style="text-align:left">social_security_number</th>
            <th style="text-align:left">age</th>
            <th style="text-align:left">room_num</th>
            <th style="text-align:left">insurance_company</th>
            <th style="text-align:left">medical_problem</th>
```

Edit the XML or XSLT code above and Click Me >

HOSPITAL DETAILS

name	social_security_number	age	room_num	insurance_company	medical_problem	drugs
name1	990	40	104	abc	abc	abc
name2	991	41	114	bcd	bcd	bcd
name3	992	45	105	cde	cde	cde
name4	993	40	104	abc	abc	abc

Windows taskbar: 3:29 PM 11/26/2020

FACULTY OF ENGINEERING**B.E. 3/4 (CSE) II – Semester (Main) (Suppl.) Examination, December 2017****Subject: Web Programming and Services****Time: 3 Hours****Max.Marks: 75****Note: Answer all questions from Part A and any five questions from Part B.****PART – A (25 Marks)**

- 1 What is meant by website? 2
- 2 What is the purpose of XSLT? 3
- 3 Write JavaScript function to validate age? 3
- 4 Distinguish between Servlet and JSP. 3
- 5 Mention methods support by ServletContext object. 2
- 6 What is the difference between JSP include and JSP forward directive? 3
- 7 Write deployment descriptor for the filter. 2
- 8 Which API is used for connection pooling? 2
- 9 What is meant by code behind files in ASP.Net? 2
- 10 Why CLR? 3

PART – B (5x10 = 50 Marks)

- 11 a) Create a form using XHTML to accept the details of a student: Name of the Hotel, Items (checkboxes), Quantity, Rating (radio button), Feedback (allow multiple lines) and provision to attach any other file or image. 5
- b) Write a HTML program to create a table as per the format below. 5

Name	Subject	Credits	Marks
XYZ	Maths	4	35
UVW		4	66
ABC	Science	5	
Students details mentioned above			

- 12 a) Write a program to demonstrate session tacking with two web pages one accepting personal information of the user and second accepting educational qualifications. After the second form submission it must display the details of personal and educational information. 6
- b) Discuss Servlet collaboration. 4
- 13 a) Draw the life cycle of Filter. Explain in detail steps involved in deploying a web application. 5
- b) Write a program to create iterative custom tag using Tag Extension. 5
- 14 a) Write a JSP program to take details form the user and store them in database using UseBean tag. 6
- b) What is Filter? Write a filter to authenticate the user. 4
- 15 a) Explain different validation controls in ASP.Net with examples. 6
- b) Write a program to store data in database in ASP.Net? 4
- 16 a) Design a XML document for catalogue Books & Write an XML schema definition. 5
- b) Illustrate the life cycle of the JSP. Discuss is the purpose of custom tag libraries. 5
- 17 Write short notes on:
 - a) J2EE Architecture 5
 - b) GTS 5

Q3

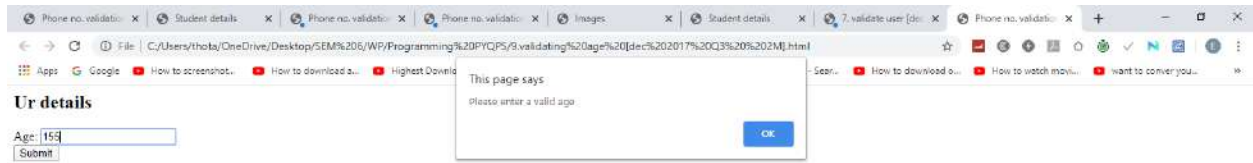
```
<html>

  <head>

    <title>Phone no. validation </title>

    <script type="text/javascript">

      function check()
      {
        if(frm.age.value < 0 || frm.age.value > 150 )
        {
          alert("Please enter a valid age");
        }
      }
    </script>
  </head>
  <body>
    <h2>Ur details </h2>
    <form name="frm" method="post" action="" >
      Age: <input type="text" name="age" placeholder="Enter your age no" />
      <br>
      <input type="submit" value="Submit" onclick="return check();" />
    </form>
  </body>
</html>
```



Q11a

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>Student details</title>
```

```
  </head>
```

```
  <body>
```

```
    <h2>Student details</h2>
```

```
    <form>
```

```
      <label>Name of the Hotel</label><br>
```

```
      <input type="text" name="hotel_name"><br>
```

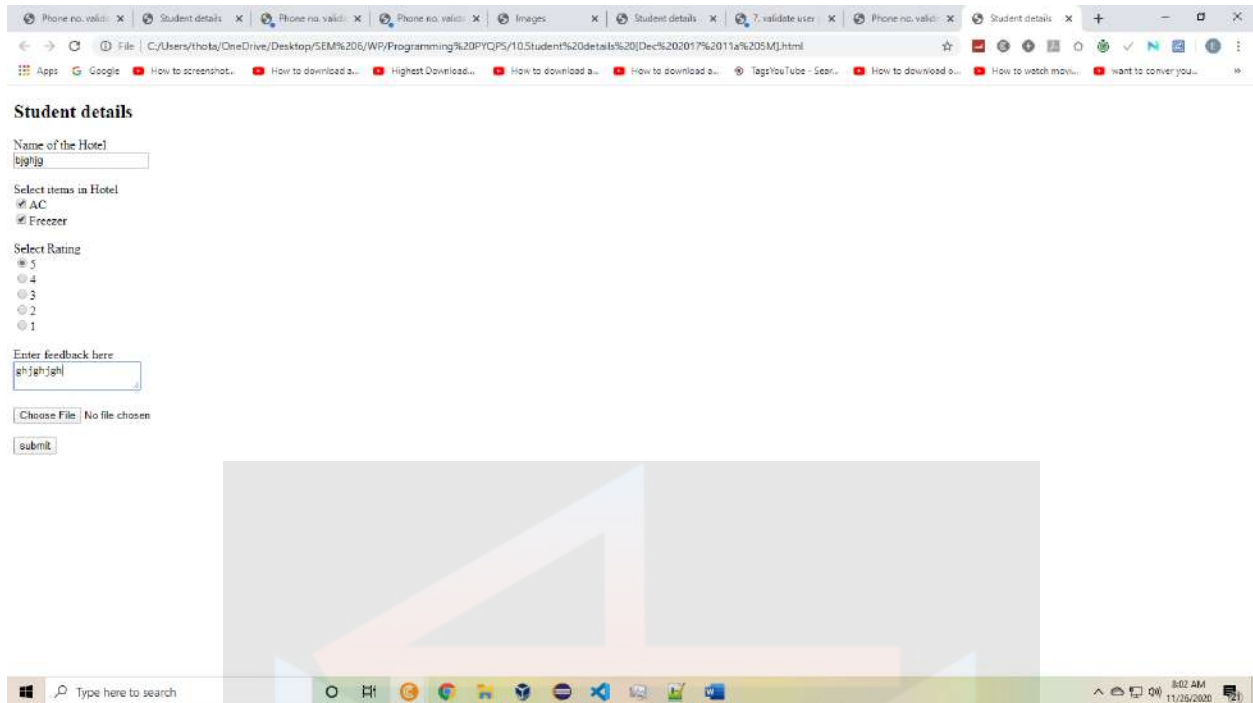
```
      <br>
```

```
      <label>Select items in Hotel</label><br>
```

```
<input type="checkbox" name="item1" value="AC">AC<br>
<input type="checkbox" name="item2" value="AC">Freezer<br>
<br>
<label>Select Rating</label><br>
<input type="radio" name="rating" value="5">5<br>
<input type="radio" name="rating" value="4">4<br>
<input type="radio" name="rating" value="3">3<br>
<input type="radio" name="rating" value="2">2<br>
<input type="radio" name="rating" value="1">1<br>
<br>
<label>Enter feedback here</label><br>
<textarea></textarea>
<br><br>
<input type="file" name="file"><br>
<br>
<input type="submit" value="submit">
</form>
```

```
</body>
```

```
</html>
```



Q11b

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>Student marks and credits</title>
```

```
  </head>
```

```
  <body>
```

```
    <table border="1px">
```

```
      <tr>
```

```
        <th>Name</th>
```

```
        <th>Subject</th>
```

```
        <th>Credits</th>
```

```
        <th>Marks</th>
```

</tr>

<tr>

<td>XYZ</td>

<td rowspan="2">Maths</td>

<td>4</td>

<td>35</td>

</tr>

<tr>

<td>UVW</td>

<td>4</td>

<td>66</td>

</tr>

<tr>

<td>ABC</td>

<td>Science</td>

<td colspan="2">5</td>

</tr>

<tr>

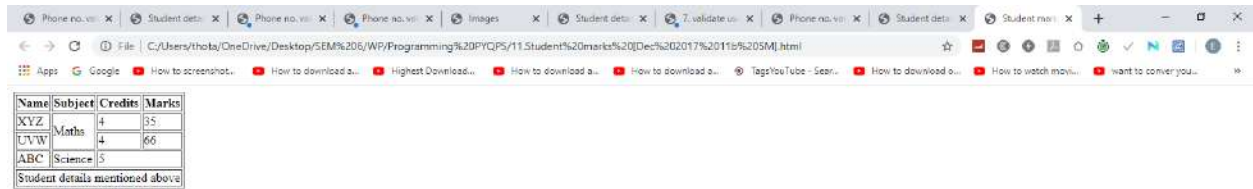
<td colspan="4">Student details mentioned above</td>

</tr>

</table>

</body>

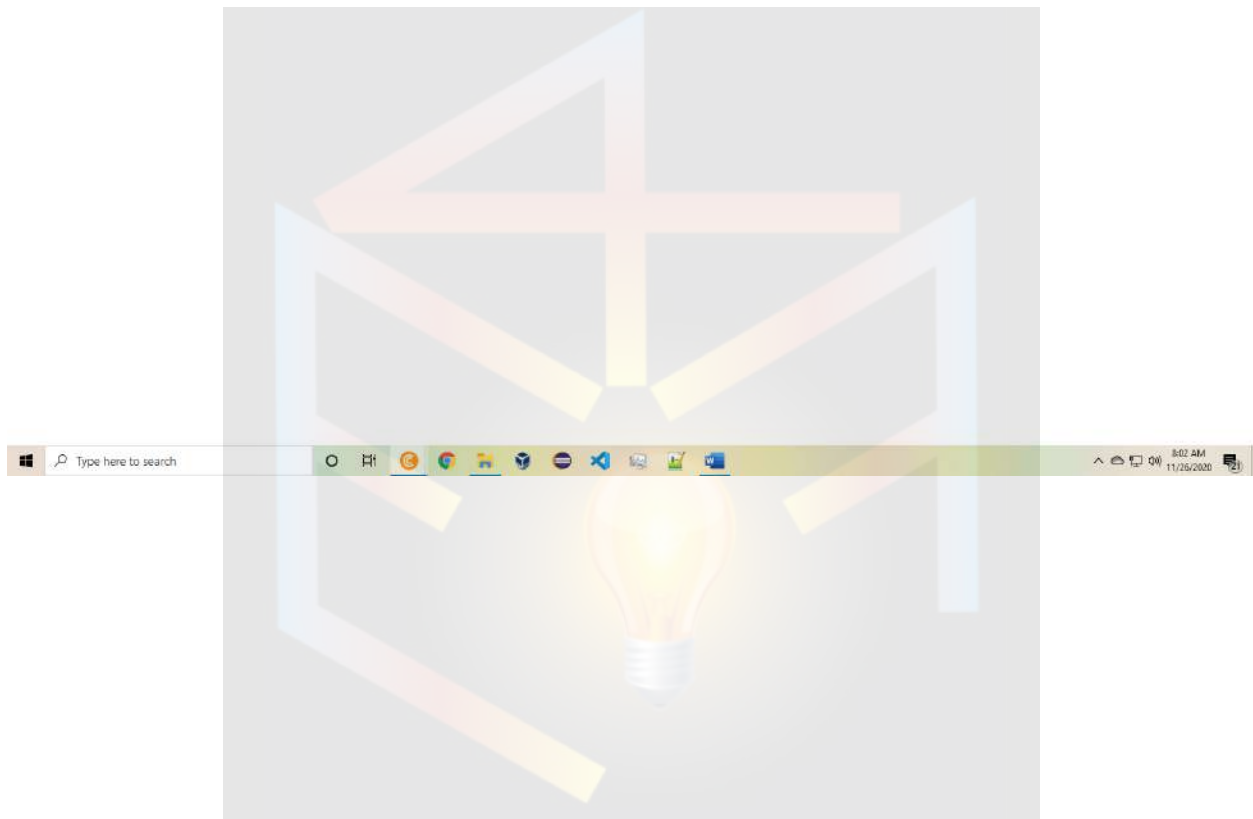
</html>



The screenshot shows a web browser window with multiple tabs. The active tab displays a table with student details. The table has four columns: Name, Subject, Credits, and Marks. There are three rows of data. Below the table, there is a text label.

Name	Subject	Credits	Marks
XYZ	Maths	4	35
UVW	Maths	4	66
ABC	Science	5	

Student details mentioned above



FACULTY OF ENGINEERING**B.E. 3/4 (CSE) II – Semester (Old) Examination, May / June 2017****Subject: Web Programming and Services****Time: 3 Hours****Max.Marks: 75****Note: Answer all questions from Part A and any five questions from Part B.****PART – A (25 Marks)**

- 1 List set of tools required to program the web. 2
- 2 Differentiate XML schema and DTD. 3
- 3 Write JavaScript code to validate range from 1-100. 3
- 4 What is the purpose of Servlet Context object? 2
- 5 What are scripting elements? 2
- 6 Differentiate between Servlet and JSP. 3
- 7 What is POP3? List the interfaces in JAVA mail API. 3
- 8 What is Connection Pooling? 2
- 9 What are languages supported by .Net platform? 2
- 10 List the life cycle events in ASP.Net application. 3

PART – B (5x10 = 50 Marks)

- 11 a) What are the rules to create XHTML document. Write the XHTML program to create a table as per the format below. 5

Name	Subject	Credits	Marks
XYZ	Maths	4	35
UVW		4	66
ABC	Science	5	
Students details mentioned above.			

- b) What is an XML Processor? Write an XML document to store the employee details and create a XML style sheet to display the employee information. 5
- 12 a) Explain in detail the architectural styles for creating enterprise application. 5
- b) Write a Servlet program to read the details from a registration form and display them. 5
- 13 a) What is Filter? Explain the life cycle methods of Filter. 5
- b) Write a JSP program to read the details from the JSP page (form) and display the contents of the form fields. 5
- 14 a) Write a program to send and receive a mail using Java APL. 5
- b) Explain different statement objects in JDBC with suitable examples. 5

Code No. 3193 / O

-2-

- 15 a) Explain the architecture of .NET and how does CLR execute the .NET source code. Explain the steps involved in it. 6
- b) Explain different validation controls supported by ASP.Net. 4
- 16 a) What is session tracking? Discuss different session tracking mechanisms. 5
- b) Write JDBC program to retrieve the details like sno (integer), sname (string), age (integer), photo (jpeg) from the database. 5
- 17 Write short notes on: 10
- a) .NET Remoting
- b) Connection Pooling.

Q3

```
<html>

  <head>
    <title>Phone no. validation </title>
    <script type="text/javascript">
      function check()
      {
        if(frm.num.value < 0 || frm.num.value > 100 )
        {
          alert("Please enter a valid num from 1 to 100");
        }
      }
    </script>
  </head>
  <body>
    <h2>Ur details </h2>
    <form name="frm" method="post" action="" >
      Enter num: <input type="text" name="num" placeholder="Enter your
number in range of 1 to 100" />
      <br>
      <input type="submit" value="Submit" onclick="return check();" />
    </form>
  </body>
```

</html>



Q13

<!DOCTYPE html>

<html>

<head>

<title>Student marks and credits</title>

</head>

<body>

<table border="1px">

<tr>

<th>Name</th>

```

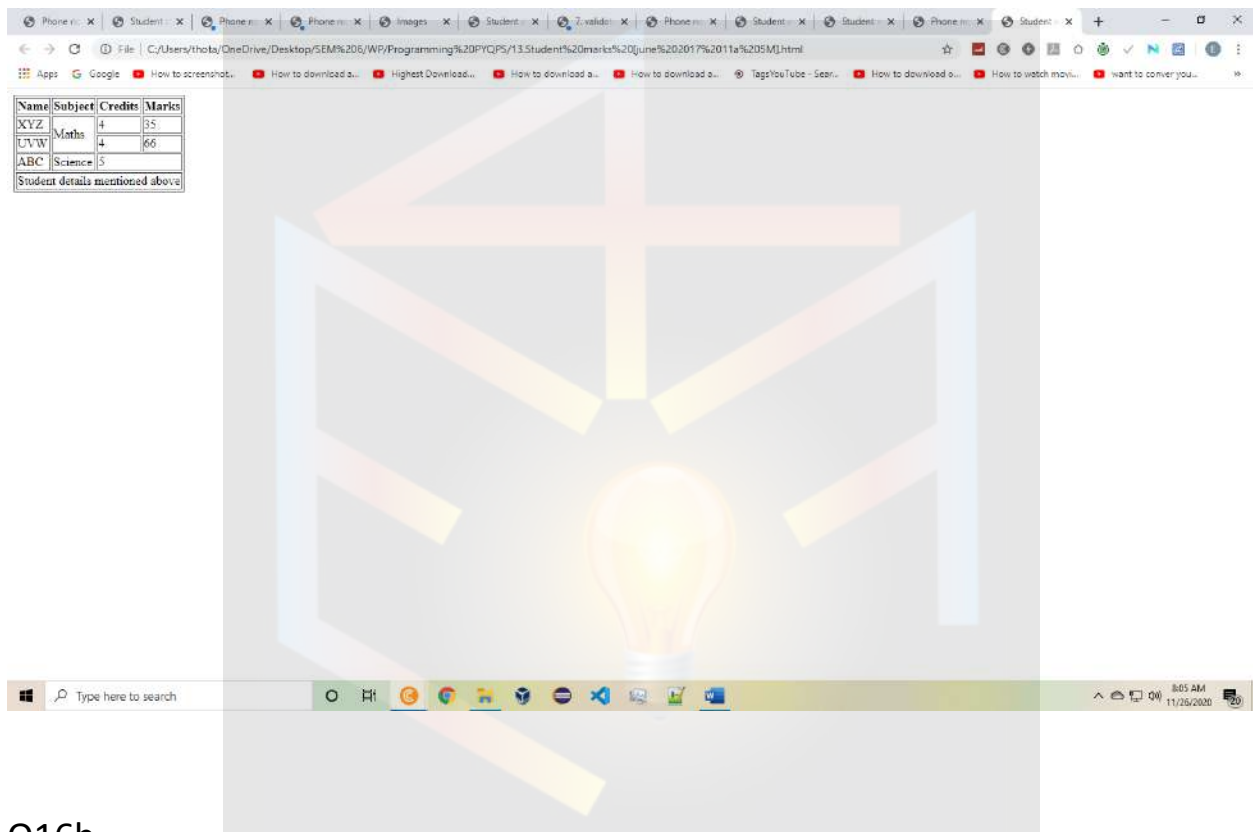
        <th>Subject</th>
        <th>Credits</th>
        <th>Marks</th>
    </tr>
    <tr>
        <td>XYZ</td>
        <td rowspan="2">Maths</td>
        <td>4</td>
        <td>35</td>
    </tr>
    <tr>
        <td>UVW</td>
        <td>4</td>
        <td>66</td>
    </tr>
    <tr>
        <td>ABC</td>
        <td>Science</td>
        <td colspan="2">5</td>
    </tr>
    <tr>
        <td colspan="4">Student details mentioned above</td>
    </tr>

```

</table>

</body>

</html>



Q16b

<https://www.tutorialspoint.com/jdbc/jdbc-select-records.htm>

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Code No. 3477 / N

FACULTY OF ENGINEERING

B.E. 3/4 (CSE) II – Semester (New) (Main) Examination, May / June 2017

Subject: Web Programming and Services

Time: 3 Hours

Max.Marks: 75

Note: Answer all questions from Part A and any five questions from Part B.

PART – A (25 Marks)

- 1 Mention the MIME format for PDF documents. 2
- 2 Write Javascript code to validate range from 10-100. 3
- 3 Differentiate between Servlet and CGI? 3
- 4 What is Session? 2
- 5 What is the purpose of deployment descriptor? 2
- 6 List the implicit objects in JSP. 2
- 7 Write the syntax of UseBean tag. 3
- 8 Why type 4 driver referred to as thin driver? 3
- 9 Distinguish between Statement and PreparedStatement object. 3
- 10 Name the server on which ASP pages are deployed. 2

PART – B (5x10 = 50 Marks)

- 11 a) Write the XHTML program to create employee registration form with fields employee id, name, gender (radio button), designation, DOB, email-id, skillset (check boxes), and provision to upload photo of the employee. Write JavaScript code to validate employee name and email-id. 6
- b) Write JavaScript code to greet the user based on time. 4
- 12 a) Write a Servlet program to read the details from the form and store them in database using JDBC. 6
- b) What is session tracking? How do we track user sessions with Cookies? Give an example. 4
- 13 a) What is webserver? Explain different webserver and describe the sequence of steps for deploying a web application. 6
- b) Write a JSP page demonstrating the usage of JSP include and forward tag. 4
- 14 a) Describe in detail the types of JDBC drivers. 5
- b) Write a Java Mail program to read the details from the form and send a mail to the user. 5

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Code No. 3477 / N

-2-

- 15 a) Describe the trends in ASP. Write an ASP.Net program to validate fields and display date. 6
- b) Write a program demonstrating .Net Remoting. 4
- 16 a) Explain different types of hyperlinks. Design a webpage to display chapters and chapter contents, apply hyperlink within a page to navigate to chapter contents. 6
- b) Describe enterprise architectural styles. 4
- 17 Write short notes on:
- a) Filter. 5
- b) Connection Pooling. 5

Q11A

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>Employ details</title>
```

```
    <script>
```

```
function validateForm()
```

```
{
```

```
  if (myForm.emp_name.value == "")
```

```
  {
```

```
    alert("Name must be filled out");
```

```
    return false;
```

```
  }
```

```
  if((myForm.emp_name.value).length < 7) // u can write mutiple  
conditions depending on ur whish and based on question
```

```
  {
```

```
    alert("Please enter a valid name of min length 7");
```

```
    return false;
```

```
  }
```

```
  //email validation is also dont noramlly hence no need but got hrough  
once
```

```
  if (/^[a-zA-Z0-9.!#$%&'*/+=?^_`{|}~-]+@[a-zA-Z0-9-]+(?:\.[a-zA-Z0-9-  
]+)*$/).test(myForm.emp_email.value))
```

```
  {
```

```
        return (true)
    }

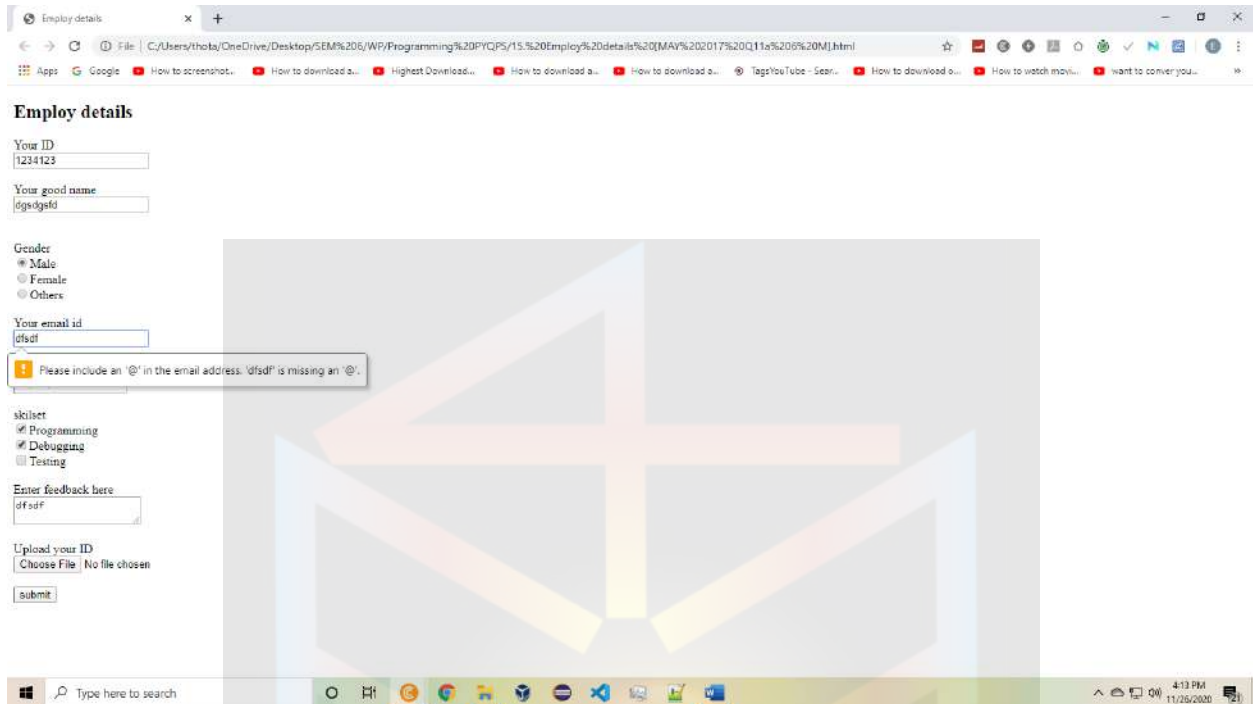
    alert("You have entered an invalid email address!")
    return (false)
}
</script>
</head>
<body>
    <h2>Employ details</h2>
    <form name="myForm" onsubmit="return validateForm()"
method="post">
        <label>Your ID</label><br/>
        <input type="number" name="emp_no" /><br/>
        <br/>
        <label>Your good name</label><br/>
        <input type="text" name="emp_name" /><br/>
        <br/>
        <br/>
        <label>Gender</label><br/>
        <input type="radio" name="gender" value="Male"/>Male<br/>
        <input type="radio" name="gender" value="Female"/>Female<br/>
        <input type="radio" name="gender" value="Others"/>Others<br/>
        <br/>
    </form>
</body>
</html>
```

```
<label>Your email id</label><br/>
<input type="email" name="emp_email" /><br/>
<br/>
<label>Your DOB</label><br/>
<input type="date" name="emp_dob" /><br/>
<br/>
<label>skilset</label><br/>
<input type="checkbox" name="skilset"
value="Programming"/>Programming<br/>
<input type="checkbox" name="skilset"
value="Debugging"/>Debugging<br/>
<input type="checkbox" name="skilset"
value="Testing"/>Testing<br/>
<br/>
<label>Enter feedback here</label><br/>
<textarea></textarea>
<br><br>
<label>Upload your ID</label><br/>
<input type="file" name="file"/><br/>
<br>
<input type="submit" value="submit"/>

</form>
```

</body>

</html>



Q11B

<!DOCTYPE html>

<html>

<body>

<script>

function myFunction() {

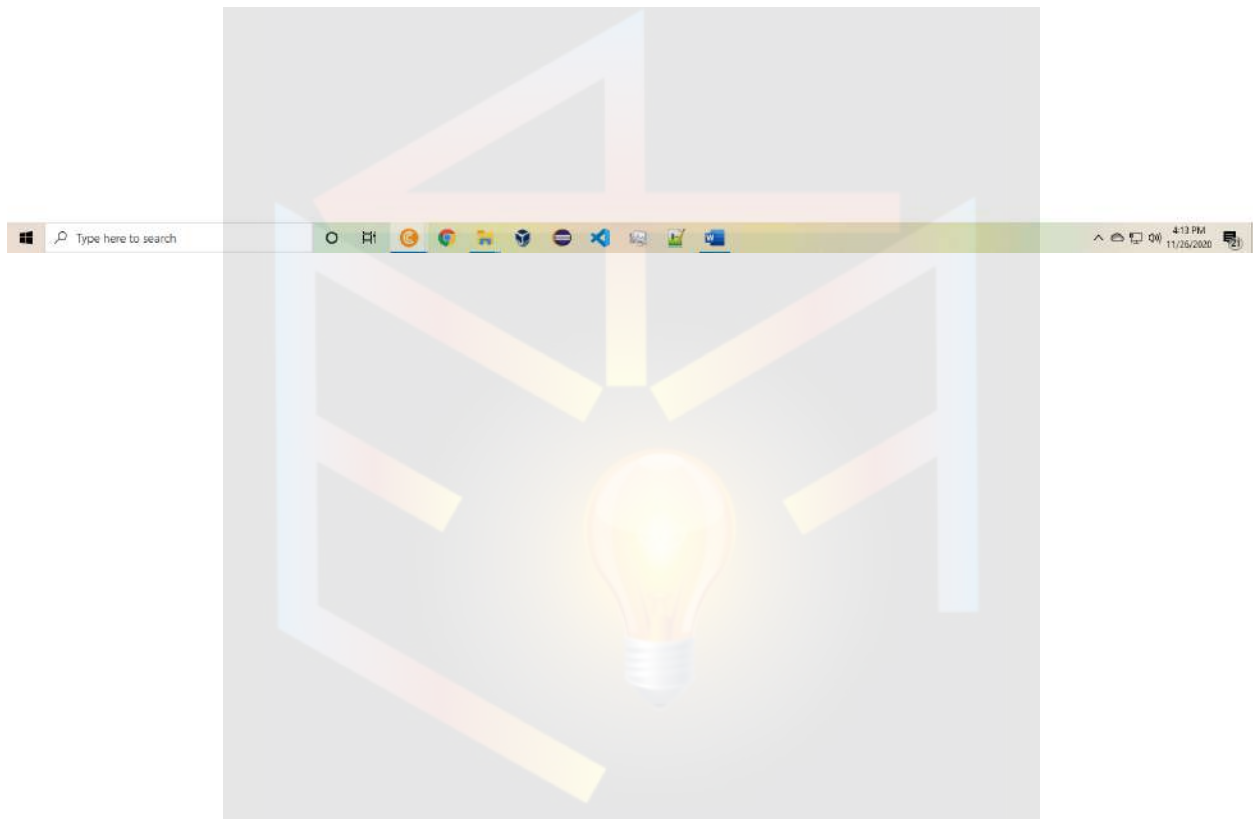
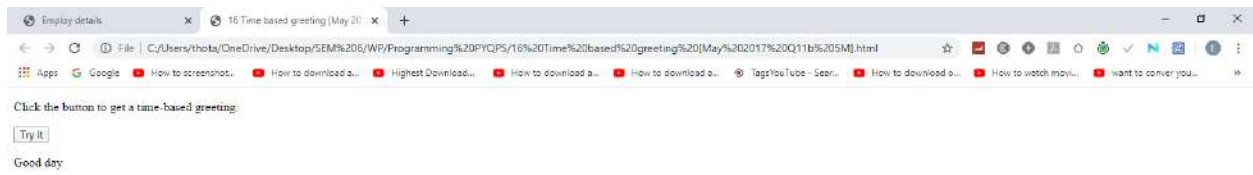
var greeting;

var time = new Date().getHours();

```
if (time < 10) {  
    greeting = "Good morning";  
} else if (time < 20) {  
    greeting = "Good day";  
} else {  
    greeting = "Good evening";  
}  
document.getElementById("demo").innerHTML = greeting;  
}  
</script>  
  
<p>Click the button to get a time-based greeting:</p>  
  
<button onclick="myFunction()">Try it</button>  
  
<p id="demo"></p>
```

```
</body>
```

```
</html>
```



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Code No. 5194

FACULTY OF ENGINEERING

B.E. 3/4 (CSE) II-Semester (Main) Examination, June 2016

Subject : Web Programming and Services

Time : 3 hours

Max. Marks : 75

Note: Answer all questions from Part-A. Answer any FIVE questions from Part-B.

PART – A (25 Marks)

- 1 What is URI? Write its format. 2
- 2 Write Java script function to validate email-id. 3
- 3 How many servlet config objects are created for a web application? 2
- 4 What is meant by an enterprise application? 2
- 5 Distinguish between Servlet and Filter. 3
- 6 Differentiate JSP include and JSP forward action tags. 3
- 7 List the protocols used to send a mail using Java Mail API. 2
- 8 Differentiate between Rowset and Resultset. 3
- 9 Mention the languages supported by ASP.Net. 3
- 10 What is CLI? 2

PART – B (50 Marks)

- 11 a) Create a XHTML registration form to accept the details of a student : Name, Address (Street Name, Country and Pincode), Sex (Male/Femal), Branch (chosen from a list box) and Courses (Check box). Provide submit and reset buttons on it. 6
- b) Write Java script code to validate the form fields username (alphabets only maximum 10 characters), password and retype password (must math with password). 4
- 12 a) What is a Container? Explain in detail steps involved in deploying a web application. 5
- b) What is session tracking? Write a program to track session using Http session object. 5
- 13 a) Explain in detail the mechanisms to secure a web application. 5
- b) Write a program to create iterative custom tag using Tag Extension. 5
- 14 a) Explain different statement objects in JDBC with suitable examples. 5
- b) Write the JDBC program using connection pooling to retrieve the records of an employee from the database based on employee number. 5
- 15 a) Explain the architecture of CLR. 5
- b) What are the features of ASP.Net? Explain different controls in ASP.Net with examples. 5
- 16 a) Explain in detail the life cycle methods of a Filter. 5
- b) Write a program to send a mail using Java Mail API. 5
- 17 Write short notes on the following : 10
 - a) .Net Remoting
 - b) XML parsers

Q11B

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<script>
```

```
function validateForm()
```

```
{
```

```
if((myForm.fname.value).length > 10)
```

```
{
```

```
    alert("Please enter a valid name of max length 10");
```

```
    return false;
```

```
}
```

```
if((myForm.pass1.value) != (myForm.pass2.value))
```

```
{
```

```
    alert("Please recheck ur password");
```

```
    return false;
```

```
}
```

```
}
```

```
</script>
```

```
</head>
```

```
<body>
```

```
<form name="myForm" action="/action_page.php" onsubmit="return validateForm()" method="post">
```

```
  Name: <input type="text" name="fname">
```

```
    <br>
```

```
    <label>Enter your password</label><br>
```

```
    <input type="password" name="pass1" /><br>
```

```
    <label>Renter your password</label><br>
```

```
    <input type="password" name="pass2" /><br>
```

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

```
</form>
```

```
</body>
```

```
</html>
```

