Daffodil International University
Department of Computer Science and Engineering
Faculty of Science and Information Technology (FSIT)
Final Examination, Semester: Fall-2018
Course Code: CSE417   Course Title: Web Engineering
Section: All   Course Teacher: All

Time: 2 Hours   Total Marks: 40

1. What do you mean by MVC? Illustrate the architecture of MVC and put down   [10]
   its pros and cons.

2. **Form.html**   [10]

```
<html>
    <body>
        <form>
            <p> Width <input type="Text" id="width">
                Height <input type="Text" id="height"></p>

            Area <input type="Text" id="area"> <br><br>

                <input type="button"  id="area" onclick="calculateArea()" value="calculate">
        </form>
    </body>
</html>
```

Output of "Form.html"

Width [   ]   Height [   ]

Area [   ]

[calculate]

intermediary

Now write a function named calculateArea() in JavaScript to find out the area of
a parallelogram which will be displayed in Area section after clicking calculate
button.

3. An html file named "intro.html" is given below: [10]

```
<!DOCTYPE HTML>
<html>
<body>

<form action="welcome.php" method="post">
Name:  &nbsp<input type="text" name="name"><br><br>
E-mail: <input type="text" name="email"><br><br>
<input type="submit">
</form>

</body>
</html>
```

Output of **into.html**:

Name: Daffodil University

E-mail: diu@diu.edu.bd

Submit Query

Now write down "welcome.php" file to have the result like below:

Welcome Daffodil University
Your email address is: diu@diu.edu.bd

4. Write a short note with short example: [10]
   a) $_GET
   b) $_POST
   c) setcookie()
   d) include vs require
   e) foreach loop in php