



**Daffodil International University**  
**Department of Computer Science and Engineering**  
**Faculty of Science and Information Technology (FSIT)**  
**Midterm Examination, Semester: Fall-2019**  
**Course Code: CSE417      Course Title: Web Engineering**

**Time: 1.5 Hours**

**Total Marks: 25**

**[ANSWER ALL THE QUESTIONS.]**

**Part A**

**[2.5\*3]**

1. Answer the following questions briefly:
  - a. Illustrate the difference between Markup Language and Scripting Language with example.
  - b. What do you understand by HTML DOM?
  - c. "Persistent HTTP is better than Non-persistent HTTP connection."-Justify this statement.

**Part B**

You are asked to develop a website for Mesopotamia Cricket Board (MCB). Whose president, Mr. Demon, a very impatient guy. He expects the deliverable to be perfect. But there is a problem, his requirements change so frequently. Now, you need to solve the following problems,

**[4+3.5]**

2. What are the available techniques and tools you can use for requirements analysis? With his ever changing requirements, how can you process further?

**[10]**

3. Finally, Mr. Demon comes up with following requirements. **Implement** those using HTML/CSS and JS. [Read carefully. Use minimal CSS.]

- ✓ The page titled, Demon's Den will have a photo of Mr. Demon at top left corner.
- ✓ Every time on load, the page will show one of his (Mr. Demon's) statements randomly at the bottom of the page.
- ✓ An ordered list (at least 3 items) of Mr. Demon's contribution to the team captain Mr. Akib's life.
- ✓ A table showing Demon's upcoming tour plan having country name, duration of stay, budget as columns. Assume, he will travel 4 countries.
- ✓ Page will have at least 3 sections, provide links to navigate through different sections of page.
- ✓ Align page content to the middle which does not take more than 66% of the display.