



Daffodil International University

Department of Computer Science and Engineering

Faculty of Science & Information Technology

Midterm Exam Examination, Spring 2021 @ DIU Blended Learning Center

Course Code: CSE417 (Day), Course Title: Web Engineering

Level: 4 Term: 1 Section: L, M

Instructor: TSP Modality: Open Book Exam

Date: Wednesday 10 March, 2021 Time: 09:00am-11:30am

Two and half hours (2:30) to support online open/case study based assessment Marks: 25

Directions:

- Students need to go through the CASE STUDY shown in this exam paper.
- Analyze and answer specific sections based on your own thinking and work.
- Do not share as this will be treated as plagiarism by Blended Learning Center.

Question: 1

6

Write Down the Respective HTML and CSS for the following part of a web page.

<i>Red</i>	<i>Green</i>	<i>Yellow</i>	<i>Blue</i>
one		two	three
four	five		six
	seven		

Question: 2

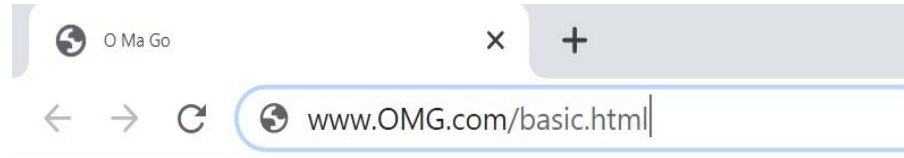
5

Suppose that you have a base HTML file with n embedded images, 5 text files. How many RTT are required to retrieve images and text files for the two types of HTTP connections and why? Here n is the last two digits of your student ID.

Question: 3

7

In response to a http request, a server (www.OMG.com) sented the following webpage of their Home page in html. Write down the request and response message between the server and client.



You can do it!

Don't get tricked. Stay focused.
I know you can crack them all. Best of luck.

- 1
- 2
- 3

Question: 4

4

What are the types of distributed systems? Given an example of a distributed system.

Question: 5

3

a) Suppose you are working as a system engineer at a software company. If you create a domain name and get a respective IP address for this domain, which protocol and port number will be used here?

b) You have sent an email to your project manager. Now which protocol will be used for retrieving the mail and what will be the port number?

c) Your project manager told you to improve the security issue of your project. Which requirements will you follow here and why?