



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: O,N

Instructor: ANS Modality: Open Book Exam

Date: 10 March, 2020 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.

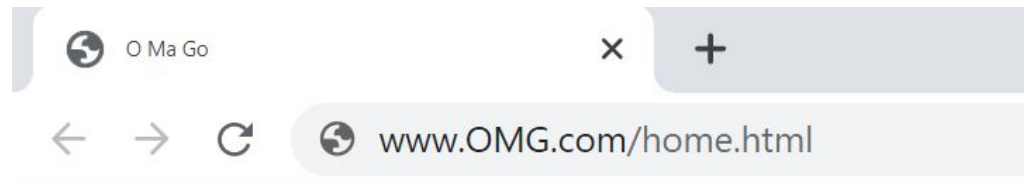
1. Write Down the Respective HTML and CSS for the following part of a web page. 6

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

2. A Developer was creating a website where the client's demand was to have it compatible with 2000 users in 5ms response time. 4
- a) Which type of testing method is needed to check whether it can serve 2000 customers in 5ms?
  - b) If the developer wants to test the highest capability of the webserver, which testing method is needed?
  - c) Before releasing the final product the developer wants to test it with real users in a real environment. Which type of testing is needed?
  - d) Which testing will be done to check the errors in individual components?

3. In response to an HTTP request, a server ([www.OMG.com](http://www.OMG.com)) sent the following webpage of their Home page in HTML. Write down the request and response message between the server and client.

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# You can do it!

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

- 1
- 2
- 3

4. Suppose you have made an e-commerce website. Now discuss the quality attributes with respect to your website.

4

5. Write down the types of CSS? Among them which one do you prefer and why?

4

