DUBLIN CITY UNIVERSITY

AUGUST/RESIT EXAMINATIONS 2013/2014

MODULE: EE417 – Web Application Development

PROGRAMME(S):

ICE   BEng Info and Communications Engineering
DME   B.Eng. in Digital Media Engineering
MTC   MEng in Telecommunications Engineering
MEN   MEng in Electronic Systems

YEAR OF STUDY: 4,C

EXAMINERS:

Mr David Molloy   (Ext:8426)
Prof. Zhili Sun
Prof. William Buchanan
Prof. Sakir Sezer

TIME ALLOWED: 3 Hours

INSTRUCTIONS: Answer 4 questions. All questions carry equal marks.

PLEASE DO NOT TURN OVER THIS PAGE UNTIL YOU ARE INSTRUCTED TO DO SO
The use of programmable or text storing calculators is expressly forbidden.
Please note that where a candidate answers more than the required number of questions, the examiner will mark all questions attempted and then select the highest scoring ones.

Requirements for this paper (Please mark (X) as appropriate)

☐	*Log Tables*	☐	*Thermodynamic Tables*
☐	*Graph Paper*	☐	*Actuarial Tables*
☐	*Dictionaries*	☐	*MCQ Only – Do not publish*
☐	*Statistical Tables*	☐	*Attached Answer Sheet*

QUESTION 1   *[TOTAL MARKS: 25]*

Q 1(a)   **[X Marks]**
Text of question 1 part a

Q 1(b)   **[X Marks]**
Text of question 1 part b

Q 1(c)   **[X Marks]**
Text of question 1 part c

Q 1(d)   **[X Marks]**
Text of question 1 part d

[End of Question 1]

QUESTION 2   *[TOTAL MARKS: 25]*

Q 2(a)   **[X Marks]**
Text of question 2 part a

Q 2(b)   **[X Marks]**
Text of question 2 part b

Q 2(c)   **[X Marks]**
Text of question 2 part c

Q 2(d)   **[X Marks]**
Text of question 2 part d

[End of Question 2]

QUESTION 3   *[TOTAL MARKS: 25]*

Q 3(a)   **[X Marks]**
Text of question 3 part a

Q 3(b)   **[X Marks]**
Text of question 3 part b

Q 3(c)   **[X Marks]**
Text of question 3 part c

Q 3(d)   **[X Marks]**
Text of question 3 part d

[End of Question 3]

QUESTION 4   *[TOTAL MARKS: 25]*

Q 4(a)   **[X Marks]**
Text of question 4 part a

Q 4(b)   **[X Marks]**
Text of question 4 part b

Q 4(c)   **[X Marks]**
Text of question 4 part c

Q 4(d)   **[X Marks]**
Text of question 4 part d

[End of Question 4]

QUESTION 5   *[TOTAL MARKS: 25]*

Q 5(a)   **[X Marks]**
Text of question 5 part a

Q 5(b)   **[X Marks]**
Text of question 5 part b

Q 5(c)   **[X Marks]**
Text of question 5 part c

Q 5(d)   **[X Marks]**
Text of question 5 part d

[End of Question 5]

APPENDICES

[END OF APPENDICES]

[END OF EXAM]