COSC2406F18 – Assembly Language Programming

Assignment #1 Answer Sheet   Name: _____

Number Sets: (enter your number set here.)

Decimal					
Binary					
HEX					

Question 1a - HEX Representation

Question 1b - Binary Representation

Question 2a - 2's Complement

Question 2b - 16's Complement

Question 3a - Unsigned value of the binary numbers

Question 3b - Signed value of the binary numbers

Question 3c - HEX value of the binary numbers

Question 4a - Signed addition the first binary number with the other 4 numbers

Question 4b - Subtraction of the first binary number with the other 4 numbers

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Question 4c - AND the first binary number with the other 4 numbers

Question 4d – OR the first binary number with the other 4 numbers

Question 4e - XOR the first binary number with the other 4 numbers

Question 5 - binary value of each HEX number

Q	
R	
S	
T	
U	

Question 6a - Signed addition of the first HEX number with the other 4 numbers

Question 6b - Signed subtraction of the first HEX number with the other 4 numbers

Question 6c - AND the first HEX number with the other 4 numbers

Question 6d - OR the first HEX number with the other 4 numbers

Question 6e - XOR the first HEX number with the other 4 numbers

ALL OF YOUR FINAL ANSWERS MUST BE ON THIS FORM.

ATTACH YOUR SUPPORTING WORK – NO SUPPORT WILL RESULT IN A 50% PENALTY.

Support may be hand written and then scanned to a PDF document or typed.