

Name:

## De La Salle University College of Computer Studies

## **CCICOMP Practice Exercise – Character Representation and Logic Operations**

Date:

Section:	Grade:		
5.0 Character Representation and	Bitwise L	ogic Operations	
5.1 Instruction: Arrange the following	g in descen	ling order [12 pts]:	
Orange			
!Orange			
orange			
0range			
"o"range	<u> </u>		
ORANGE			
Note: Remember that each letter of Use the numerical equivalent of S.2 Instruction: Identify the output of char a = 'A'; char b = 'B';		is actually represented as <u>ASCII and has a numerical equivalent</u> . ine the order of the words, one character at a time.  ing code snippets. [12 pts]:	
printf("%c", (a+8));			
printf("%c", (a-8));			
-			
printf("%c", b);			
printf("%c", (b-20));			
<pre>printf("%c", (b-a));</pre>			
answers in hexadecimal format. [	-	ntifying the result of the following bitwise operations. Write you et to write the letter suffix on your answers [24 pts]:	ır
NOT 1AEFh	=		
NOT FACEh	=		
55h AND <b>AA</b> h	=		
C8h AND 34h	=		
55h OR AAh	=		
C8h OR 34h	=		
3Dh XOR D3h	=		

**Note**: Bitwise means to perform the Logic Function on <u>one-bit-at-a-time</u>. Try to convert the values first to binary, then perform the Logic Function one-bit-at-a-time.

FFh XOR A5h