

Computer Engineering



Western Technical-Commercial School

Name: Date:

Section:

Digital Logic Gates, Boolean, and Operations Review Questions

Answer questions in sentence form neatly in the space provided. Use the related web resources to answer the questions fully. Half a mark for short points and one mark for each explanation.

		1.	What is a logic gate, name the three basic logic gates, and their implication notation sign? a.
Mark Breakdo Columi			
1 2 3	4 4 3	2.	What generally makes up a logic gate inside and what are all of its connections? a.
4 2 5 1 6 2	2.5	3.	What is a truth table, and what does it fully represent? a.
8 3	3	4.	Which gates are called Universal gates and explain why? a.
		5.	Who and when was Boolean algebra developed? a
		6.	When did Boolean algebra get noticed as a practical application and for what, give examples also? a.
		7.	How can Boolean algebra help with combinational digital logic circuits? a.
		8.	Name two Boolean algebraic laws with and example and/or form using both A/B inputs? a.