5 Lecture - CS302

Important Mcqs

1.	Which logic gate has only one input and one output? A) NOT gate B) AND gate C) OR gate D) XOR gate Answer: A) NOT gate
2.	Which of the following is the symbol for an AND gate? A) B) C) D) Answer: B)
3.	Which of the following logic gates is equivalent to an inverted OR gate? A) NAND gate B) NOR gate C) XOR gate D) XNOR gate Answer: B) NOR gate
4.	Which of the following logic gates has an output that is high only if both inputs are high? A) OR gate B) AND gate C) NOT gate D) XOR gate Answer: B) AND gate
5.	What is the output of an OR gate if both inputs are low? A) High B) Low C) Indeterminate D) Cannot be determined Answer: B) Low
6.	Which logic gate has an output that is low only if both inputs are high? A) OR gate B) AND gate C) NOT gate D) XOR gate Answer: A) OR gate

7.	Which of the following logic gates has an output that is high only if one of the inputs is high? A) OR gate B) AND gate C) NOT gate D) XOR gate Answer: A) OR gate	
8.	What is the output of an XOR gate if both inputs are high? A) High B) Low C) Indeterminate D) Cannot be determined Answer: B) Low	
9.	Which of the following is the symbol for a NAND gate? A) B) C) D) Answer: D)	
10.	Which of the following is the symbol for an XNOR gate? A) B) C) D) Answer: C) nope these help!	