ECAT Computer Science Chapter 5 Boolean Algebra Online Test

Sr	Questions	Answers Choice
1	The logic device that perform Boolean multiplication is.	A. AND gate B. OR gate C. Inverter D. None of these
2	Which of the following gate is two level logic gate.	A. OR gate B. AND gate C. EXCLUSIVE OR gate D. NAND gate
3	The output will be one in case any input is one in the case of.	A. OR gate B. AND gate C. NAND gate D. NOT gate
4	Logical multiplication refers to operation of.	A. OR gate B. AND gate C. NOT gate D. inverter gater
5	Logical addition refers to operation of	A. OR gate B. AND gate C. NOT gate D. invertr gate
6	Which of the following operations are used by Boolean algebra.?	A. Boolean addition B. Boolean multiplication C. Boolean complementation D. All of the above
7	Boolean algebra use which of the following to represent arithmetic quantities.	A. decimal digits B. exponents C. binary bits D. fractions
8	Boolean algebra is also known as.	A. logical algebra B. control algebra C. switching algebra D. programming algebra
9	Boolean algebra is.	A. used for arithmetical operation is ALU B. an aid for binary conversion C. useful for error detection and error correction D. used to describe the behavior and structure of logic networks and as an aid in the design of logic system