Edulyte

BOOLEAN ALGEBRA

Boolean algebras are the operations of logic that are useful in digital worlds. It is the basics of computer science, and its advanced concepts include K-map. You can easily make decisions by using Boolean algebra.

Read more

Q1: What is the fundamental concept of Boolean algebra?

A: Continuous mathematics
B: Decimal arithmetic
C: Binary logic
D: Complex numbers

Q2: What is the result of the Boolean expression: NOT (A AND B) when A = true and B = false?

A: True
B: False
C: Undefined
D: Cannot be determined

Q3: What is the result of the Boolean expression: A OR (NOT A) when A = false?

A: True
B: False
C: Undefined
D: Cannot be determined

Q4: What is the other name of boolean algebra?

A: Boolean expressions
B: Binary algebra
C: Algebra
D: Both B and C

Q5: Is Boolean algebra equal to algebraic expression?

A: True
B: False
C: Partial true
D: Not agree

Q6: What is the expression of Boolean algebra?

A: Or
B: And
C: Product
D: Both A and B

Q7: Boolean algebra is useful in present life?

A: Yes
B: No

Q8: Where is the usefulness of Boolean algebra?

A: Computer science
B: Digital world
C: Both A and B
D: Only A

Q9: What are the general mistakes in the boolean theorem that students commit?

A: Avoid the use of the theorem
B: Confuse with the expressions
C: Not understanding the truth table
D: All of the above

Q10: Which one of them are concepts of Boolean algebra?

A: K-map
B: Distributive Theorem
C: Consensus Theorem
D: All of the Above

Answers

Q1: C - Binary logic

Q2: A - True

Q3: A - True

Q4: B - Binary algebra

Q5: B - False

Q6: D - Both A and B

Q7: A - Yes

Q8: C - Both A and B

Q9: D - All of the above

Q10: D - All of the Above