

**Started on** Sunday, 10 September 2023, 5:59 PM

**State** Finished

**Completed on** Sunday, 10 September 2023, 6:00 PM

**Time taken** 54 secs

**Grade** 6.00 out of 6.00 (100%)

**Question 1**

If  $A = B$  and  $B = C$ , then  $A = C$ .

Correct

Mark 1.00 out of 1.00

- ☐ a. Induction.
- ☒ b. Deduction. ✓

Your answer is correct.

The correct answer is: Deduction.

**Question 2**

Since all squares are rectangles, and all rectangles have four sides, so all squares have four sides.

Correct

Mark 1.00 out of 1.00

- ☒ a. Deduction. ✓
- ☐ b. Induction.

Your answer is correct.

The correct answer is: Deduction.

**Question 3**

All cats have a keen sense of smell. Fluffy is a cat, so Fluffy has a keen sense of smell.

Correct

Mark 1.00 out of 1.00

- ☐ a. Induction.
- ☒ b. Deduction. ✓

Your answer is correct.

The correct answer is: Deduction.

**Question 4**

Every time you eat peanuts, your throat swells up and you can't breathe. This is a symptom of people who are allergic to peanuts. So, you are allergic to peanuts.

Correct

Mark 1.00 out of 1.00

- ☐ a. Deduction.
- ☒ b. Induction. ✓

Your answer is correct.

The correct answer is: Induction.

**Question 5**

Tony is a football player. All football players weigh more than 170 pounds. Tony weighs more than 170 pounds.

Correct

Mark 1.00 out of 1.00

- ☒ a. Deduction. ✓
- ☐ b. Induction.

Your answer is correct.

The correct answer is: Deduction.

**Question 6**

All cars in this town drive on the right side of the street. Therefore, all cars in all towns drive on the right side of the street.

Correct

Mark 1.00 out of  
1.00

☒ a. Induction. ✓

☐ b. Deduction.

Your answer is correct.

The correct answer is: Induction.