

Started on	Tuesday, 28 January 2025, 3:55 AM
State	Finished
Completed on	Tuesday, 28 January 2025, 4:01 AM
Time taken	6 mins 23 secs
Grade	6.00 out of 6.00 (100%)

Question 1

Correct

Mark 1.00 out of 1.00

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

- ☐ a. Induction.
- ☒ b. Deduction. ✓

Your answer is correct.

The correct answer is: Deduction.

Question 2

Correct

Mark 1.00 out of 1.00

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

- ☒ a. Deduction. ✓
- ☐ b. Induction.

Your answer is correct.

The correct answer is: Deduction.



### Question 3

Correct

Mark 1.00 out of 1.00

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

- ☐ a. Induction.
- ☒ b. Deduction. ✓

Your answer is correct.

The correct answer is: Deduction.

### Question 4

Correct

Mark 1.00 out of 1.00

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.

- ☐ a. Deduction.
- ☒ b. Induction. ✓

Your answer is correct.

The correct answer is: Induction.

### Question 5

Correct

Mark 1.00 out of 1.00

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

- ☒ a. Deduction. ✓
- ☐ b. Induction.

Your answer is correct.

The correct answer is: Deduction.



### Question 6

Correct

Mark 1.00 out of 1.00

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.

- ☒ a. Induction. ✓
- ☐ b. Deduction.

Your answer is correct.

The correct answer is: Induction.

