

## Round 4: Logic Meets Trivia

### True/False Section

*True/false questions are always the easy part of the exam, right? Label the following true or false in a consistent way for two points. All trivia questions they refer to are below.*

- A. The number of false statements on this list is even.
- B. The number of false statements on this list is greater than 4.
- C. There are three single-word trivia answers which, when pronounced, sound like two common English words concatenated.
- D. Every trivia answer contains an 'E' in it.
- E. One of the trivia answers will still be a word if spelled backwards.
- F. In one of the trivia answers, the only vowel is a 'U'.
- G. One of the trivia answers is a common English word when you append "sis" to it.
- H. One of the trivia answers is closely associated with Santa.
- I. Exactly four trivia answers are the names of planets.
- J. Statement K is false.
- K. Either statements B and J are both true, or they are both false.
- L. Either statements G and I are both true, or they are both false.
- M. Statement H is true.
- N. Exactly one of statements E, G, and J is true.
- O. Statement N is true.

### Trivia Section

- 1. This team won at least one NBA championship in the last ten years. (Don't include "the" or the city name.)
- 2. Well-known company that makes chocolate and candy.
- 3. A discontinued brand of car, marketed as "a new kind of car company".
- 4. A metallic element that is liquid at room temperature and pressure.
- 5. During World War II, the crew of the British submarine the HMS Trident received an improbable gift from their Russian allies. This fully-grown animal lived on the submarine for six weeks. She slept under the captain's bunk and ate one of the submarine's navigation charts! What type of animal was it?
- 6. First name of a famous tennis star.
- 7. This Alfred Hitchcock movie was the first American film to show a toilet being flushed on screen.
- 8. Netflix superhero show.

# Spoiler Warning!

*The answers are below*

## True/False Section

Award two points total if *all* of these are correct. Otherwise no points! There is only one consistent way to fill them in.

- A. The number of false statements on this list is even. – TRUE
- B. The number of false statements on this list is greater than 4. – FALSE
- C. There are three single-word trivia answers which, when pronounced, sound like two common English words concatenated. – TRUE
- D. Every trivia answer contains an 'E' in it. – FALSE
- E. One of the trivia answers will still be a word if spelled backwards. – FALSE
- F. In one of the trivia answers, the only vowel is a 'U'. – TRUE
- G. One of the trivia answers is a common English word when you append "sis" to it. – TRUE
- H. One of the trivia answers is closely associated with Santa. – TRUE
- I. Exactly four trivia answers are the names of planets. – TRUE
- J. Statement K is false. – FALSE
- K. Either statements B and J are both true, or they are both false. – TRUE
- L. Either statements G and I are both true, or they are both false. – TRUE
- M. Statement H is true. – TRUE
- N. Exactly one of statements E, G, and J is true. – TRUE
- O. Statement N is true. – TRUE

## Trivia Section

One point for each of these answers, regardless of true/false answers.

- 1. This team won at least one NBA championship in the last ten years. (Don't include "the" or the city name.) – SPURS
- 2. Well-known company that makes chocolate and candy. – MARS
- 3. A discontinued brand of car, marketed as "a new kind of car company". – SATURN

4. A metallic element that is liquid at room temperature and pressure. – MERCURY
5. During World War II, the crew of the British submarine the HMS Trident received an improbable gift from their Russian allies. This fully-grown animal lived on the submarine for six weeks. She slept under the captain's bunk and ate one of the submarine's navigation charts! What type of animal was it? – REINDEER
6. First name of a famous tennis star. – VENUS
7. This Alfred Hitchcock movie was the first American film to show a toilet being flushed on screen. – PSYCHO
8. Netflix superhero show. – DAREDEVIL