

# 2017 Tennessee Senior Brain Games Championship

## Questions and Answers

### Round 1

#### Round 1, Question 1

The first piece of this structure was put in place in 1998. Two years later, it was ready for people. It's been occupied ever since.

Six people can live in it. It's nearly a million pounds and big enough to cover a football field.

What is it?

#### Round 1, Answer 1

The International Space Station

#### Round 1, Question 2

Pasta that has been cooked tender but slightly firm—not soft, but not hard either. Italian for “to the tooth.”

#### Round 1, Answer 2

Al dente

#### Round 1, Question 3

I represent sunshine, hope and happiness. I stand for freshness, positivity, clarity, energy, honor, loyalty and joy. I'm an attention-getter, but I also suggest caution or sickness and represent cowardice and deceit. I have a *primary* role. What am I?

#### Round 1, Answer 3

The color yellow.

**Round 1, Question 4**

If your name is Max, and you wear a wolf costume, and you travel to an island of creatures and become their king, what is the title of your story? *The exact title.*

**Round 1, Answer 4**

*Where the Wild Things Are*

**Round 1, Question 5**

This country shares borders with Bolivia, Chile, Paraguay and Uruguay.

Name the country.

**Round 1, Answer 5**

Argentina

## **Round 2**

### **Round 2, Question 1**

At the first modern Olympics in 1896, first place winners were awarded medals made of what?

### **Round 2, Answer 1**

Silver

### **Round 2, Question 2**

This ancient epic poem is set during the final weeks of the Trojan War and relates the feud between Agamemnon and Achilles.

### **Round 2, Answer 2**

*The Iliad*

### **Round 2, Question 3**

It aired in 1957, an episode of a popular TV series in which these two TV stars from different shows end up on an exterior ledge of a multistory New York apartment building wearing similar costumes.

What two actors were on the ledge? Answer with first and last names.

### **Round 2, Answer 3**

Lucille Ball and George Reeves

### **Round 2, Question 4**

These are now grown in all 50 states, including Hawaii and Alaska. But Americans saw them as pagan as late as the 1840s and did not accept them as warmly as they do now.

### **Round 2, Answer 4**

Christmas trees

### **Round 2, Question 5**

In music, this is the property of sounds that allows them to be identified as high or low. This quality depends upon the frequency of vibration of the sound waves producing the sound.

Hint: The answer does not contain the letter e.

### **Round 2, Answer 5**

Pitch

## **Round 3**

### **Round 3, Question 1**

Name a solid-state electronic device that is used to control the flow of electricity in electronic equipment and usually consists of a small block of a semiconductor with at least three electrodes.

It replaced the vacuum tube and works like a water faucet for electrons. It starts and stops the flow of current but also controls the amount of current. It can both switch and amplify electronic signals.

### **Round 3, Answer 1**

Transistor (or solid-state transistor)

### **Round 3, Question 2**

It was during World War I that the British Mark I made its debut. It was followed by the French Renault FT. These represented a new approach to battlefield fighting.

What was this new weapon?

### **Round 3, Answer 2**

Tank

### **Round 3, Question 3**

A land-grant university is an institute of higher education in the United States designated by a state to receive the benefits of the Morrill Acts of 1862 and 1890.

The mission of these institutions, as set forth in the 1862 Act, is to focus on the teaching of practical agriculture, science, military science and engineering as a response to the industrial revolution and changing social class.

Tennessee has two land-grant universities. Name them both.

### **Round 3, Answer 3**

University of Tennessee, Knoxville and Tennessee State University

### **Round 3, Question 4**

The oldest written record of the name Jessica, as it is currently spelled, is credited to which writer, who made her the daughter of Shylock?

### **Round 3, Answer 4**

William Shakespeare

**Round 3, Question 5**

This instrument is a long, hollow tube partially filled with small pebbles or beans. Small pins or thorns are arranged on the inside surface. In some parts of the world, cactus is used for the tube; in others, bamboo.

**Round 3, Answer 5**

Rainstick

## Round 4

### Round 4, Question 1

It connects Moscow and Eastern Russia. There are branch lines to China and Mongolia. It's 8,851 kilometers (5,500 miles) long and passes through eight time zones and 16 major rivers.

It required roughly 90,000 people and 10 years to build and was completed in 1904.

What is it? (Full name.)

### Round 4, Answer 1

Trans-Siberian Railway

### Round 4, Question 2

If you know the answer to this question, you might be a lepidopterist.

There are more than 11,000 species of these in the U.S. alone. (Worldwide, more than 150,000 species.) They outnumber their nearest relative by more than 10 to 1. *The difference is night and day.*

They range in size from smaller than a pencil tip to bigger than a songbird. The Atlas of Southeast Asia, considered the largest in the world, has a wingspan of nearly a foot.

Some of these pollinators, in their adult forms, don't eat. But they are major players at the bottom of the food chain. (Just ask the birds and the bats.)

What are they?

### Round 4, Answer 2

Moths

### Round 4, Question 3

She received almost no formal education. She worked as a traveling clairvoyant for part of her life. She and her sister, Tennessee, were the first female brokers on Wall Street.

She was the first woman to address a congressional committee. And at a time when women could not vote, she was also the first woman to run for president of the United States.

Who was she? (First and last name.)

### Round 4, Answer 3

Victoria Woodhull

**Round 4, Question 4**

These can be classified as simple or compound. If simple, they have a single blade. If compound, they consist of two or more separate blades.

Compound can also be further distinguished as palmately and pinnately compound. Toothed, not toothed. Entire margins, lobed margins.

What are we talking about?

**Round 4, Answer 4**

Acceptable answers:

- Leaf
- Leaf types
- Leaves

**Round 4, Final Question**

What is the French word for the final part of a play, movie, or narrative in which the strands of the plot are drawn together and matters are explained or resolved?

**Round 4, Final Answer**

Denouement