

### 1. US Literature

In his first novel people with low IQs joined the Reconstruction and Reclamation Corps or the military. His second novel was about Malachi Constant, who is lucky thanks to Winston Niles Rumfoord. This writer in real life was captured at the Battle of the Bulge and ended up witnessing the bombing of Dresden, which he wrote about in his most famous novel. Name this author of *God Bless You Mr. Rosewater*, *Breakfast of Champions*, and *Slaughterhouse-Five*.

ANSWER: (Kurt) Vonnegut(, Jr)

### 2. Calculus/Combinatorics (30 Seconds)

If you are not allowed to use the letter O, but you are allowed to use any of the other letters and any of the ten digits and are allowed to repeat, then how many ways can you write two letters followed by two digits?

ANSWER: 62500

### 3. Music

This band originally was known as Tony Flow and the Miraculously Majestic Masters of Mayhem, and their first single was “True Men Don’t Kill Coyotes”. Their first big hits came in the early 1990s on their album Blood Sugar Sex Magik. They came out with a double album this year, labeling the two discs “Jupiter” and “Mars”. Name this group responsible for the songs Under The Bridge, Soul To Squeeze, and By The Way; and the album Stadium Arcadium.

ANSWER: Red Hot Chili Peppers

### 4. Chemistry (10 Seconds)

(Note to moderator: Joule is pronounced Jewel.) By one convention, this unit is one thousand times larger when its first letter is written in capital rather than lower case. The lower-case version is equal to a little more than four Joules. Its value differs slightly depending on whether you use the thermochemical, mean, or fifteen degree celsius version. Name this unit of energy whose kilo version is associated with food.

ANSWER: Calorie

### 5. Religion/Mythology

Their name means ‘Choosers of the Slain’, and they are supposedly responsible for the Northern Lights. They ride winged horses, and their primary function is to search battlefields for heroes and escort them to Valhalla. Give the term for these beautiful women from Norse mythology.

ANSWER: Valkyries

6. Algebra (10 Seconds)

In logic, this is the statement “not p implies not q” compared to the statement “p implies q”. In matrices, this is a square matrix that will multiply with another square matrix to get an identity matrix. With functions, this term refers to a function that will undo another function, so that performing both functions will result in an output equal to the input. Give this term beginning with the letter I.

ANSWER: Inverse

7. World History

When his Uncle Ruga died, he assumed power along with his brother Bleda. Though usually victorious in battle, he is generally considered the loser of the Battle of Chalons. This leader controlled Central Europe in the middle of the fifth century. Name this Scourge of God who led the Huns.

ANSWER: Attila (The Hun)

8. Technology

This system was installed throughout the United States around 1990 and is named after a nineteenth century scientist. It works by sending out radio waves from an antenna and then measuring the frequency with which the waves return. If the frequency is higher than normal, then there probably is precipitation. Name this weather detection system.

ANSWER: Doppler (Radar or Weather)

9. Pop Culture

He called his dog Max, took some red thread, and tied a big horn on top of his head. After his adventure was over, he puzzled three hours, until his puzzler was sore. Name this resident of Mount Crumpit, which is just North of Who-ville, who learns in a Doctor Seuss story that Christmas is not bought in a store.

ANSWER: (The) Grinch (accept longer answers)

10. World Literature

One of his poems translates as: “At the ancient pond a frog plunges into the sound of water.” This seventeenth century poet had many disciples, and many of his later works described his travels. Name this Japanese writer of rengas and haikus.

ANSWER: (Matsuo) Basho (accept Munefusa)

### 11. Biology

This disease affects about three percent of Americans over the age of sixty. It is caused by a combination of genetic and environmental factors, including exposure to pesticides. Most patients are treated with Levodopa. In sufferers, the level of acetylcholine overwhelms the level of dopamine, causing excessive muscle contraction. Name this disease named after a British doctor.

ANSWER: Parkinson('s Disease) (accept Parkinsonism, prompt PD)

### 12. Language Arts

This word containing the letter Q is an antonym of formal and a synonym of conversational. It refers to language that is informal and commonly used. Give this ten-letter word beginning with the letter C.

ANSWER: Colloquial

### 13. Geography/Astronomy/Earth Science

This mountain range is as wide as the Himalayas and twice as long. It contains the point on the Earth's surface farthest from its center and the tallest mountains outside Asia. Some of its peaks are Galan, Paruma, El Misti, Olca, Chimborazo, and Aconcagua. Name this range of South America.

ANSWER: Andes

### 14. Current Events

This region has about the same area as Spain and same population as Switzerland. Many of its residents are classified as Baggara, and some of the Baggara have joined Janjaweed, a group of Arabic Muslims which is in conflict with Muslims who are not Arabic. The fighting in this region has been brutal for the past three years, and many nations have classified the fighting as genocidal. Name this region in Western Sudan.

ANSWER: Darfur

### 15. Geometry/Trigonometry (30 Seconds)

Find the amplitude of the cosine graph that has a period of two pi, has no phase shift, and goes through the points (0,10) and (pi,2).

ANSWER: 4

16. British Literature

This novel contains the quote: “And perhaps you might pretend, afterwards, that it was only a trick and that you just said it to make them stop and didn’t really mean it. But that isn’t true. At the time when it happens you do mean it.” One of the characters is Mr. Charrington, who rents out a room to the protagonist Winston Smith. Name this dystopia written by George Orwell.

ANSWER: 1984

17. Nonfiction

This leader kept a journal for twenty-seven years that was published in 1856, one hundred ninety-nine years after he died. The first parts, which take place before he started writing his diary, describe his group’s move from England to Holland to what is now the United States. Name this leader of the Pilgrims who wrote *Of Plymouth Plantation*.

ANSWER: (William) Bradford

18. Physics (30 Seconds)

Find the final velocity of an object if it has an initial velocity of 6 meters per second and travels 8 meters with an acceleration of 4 meters per square second. Include units in your answer.

ANSWER: 10 meters per second

19. Art/Architecture

Many of the buildings here were designed by Pietro Solario, who was imported in the late fifteenth century. It contains three major palaces, several cathedrals, and an armory that is now used as a museum. Its center is Cathedral Square, which is faced by Cathedral of the Dormition, Cathedral of the Archangel, and Cathedral of the Annunciation. Name this former fortress associated with Tsarist and Soviet Russia located in Moscow.

ANSWER: (Moscow) Kremlin (prompt Moscow)

20. US History

The son of a Senator from Connecticut, he served as a Congressman from Texas, UN Ambassador, Ambassador to China, and CIA Director. After serving as Vice President for eight years, he was elected President. As President, he overthrew the government of Panama and removed Iraqi forces from Kuwait. Name this President who lost in his reelection bid against Bill Clinton.

ANSWER: (George Herbert Walker) Bush(, Senior, 41) (Note: Bush is an acceptable answer)

Tiebreakers: (If you need to replace a question, take one from the Replacement Packet.) Use these questions in the order given if you need to break a tie. The first correct answer wins the match.

Sonya loves Nicholas. Nicholas marries Mary. Everybody hates Napoleon. Name this long novel from the 1860s written by Leo Tolstoy that is often considered one of the greatest works ever written.

ANSWER: War And Peace (or Voyna Y Mir)

One of the characters on this show has a mother who jumped off a bridge and a father who murdered a high school student. The main character used to date the murder victim's brother, Duncan Kane. The show is set in Neptune, California, and the main character is a recent high school graduate who does detective work. Name this show starring Kristen Bell that is part of the new CW.

ANSWER: Veronica Mars

Which state contains the towns of Warner Robins, Marietta, Macon, Athens, and Atlanta?

ANSWER: Georgia