

1. US Literature

Near the beginning of this novel, the main character ends his wedding reception with a debt. The couple lives in Packingtown, a Chicago neighborhood, and they are immigrants from Lithuania. This 1906 novel painted a grim portrait of the meatpacking industry. Name this Upton Sinclair work.

ANSWER: (The) Jungle

2. Calculus/Combinatorics (30 Seconds)

One of the rows in Pascal's Triangle starts out with a one and then a nine. What is the next number in this row of the triangle? It is a two-digit number.

ANSWER: 36

3. Music

His First Symphony opened in 1897, and, probably due to the drunkenness of the composer, the performance went so poorly that the song was not performed again until 1945. Name this Russian composer who wrote a choral symphony based on Edgar Allan Poe's The Bells and also composed Variations on a Theme of Corelli. His best-known work may be Rhapsody on a Theme of Paganini.

ANSWER: (Sergei Vasilievich) Rachmaninov

4. Chemistry (10 Seconds)

(Note to moderator: Joule is pronounced like Jewel.) An effect named after this man and James Prescott Joule states that gases cool when they expand into a vacuum. Though he made many mistakes late in his career, disagreeing with Dalton and Darwin, he did achieve fame and fortune by laying a Transatlantic cable. Name this scientist who in 1848 hypothesized the existence of absolute zero temperature, which is why a temperature scale was named after him.

ANSWER: (First Baron Lord) Kelvin (accept (William) Thomson)

5. Religion/Mythology

In Asian depictions, these creatures have some physical aspects similar to goats. Many ancient Greeks believed that these creatures lived in India, and there was a general belief that they could cure poison. Name these white creatures known for having a spiral object protruding from their heads.

ANSWER: Unicorn(s)

6. Algebra (30 Seconds)

Find the y-intercept of the parabola  $y=(x+2)^2+1$

ANSWER: 5 (accept (0,5))

## 7. World History

This leader put down the Pugachev Insurrection and twice defeated the Ottoman Empire, gaining control of Crimea. Known for supporting the arts and starting the Hermitage Museum, this so-called enlightened despot wrote a Charter to the Nobility that was harmful to Russian serfs. Name this empress who hated her husband Peter The Third and ruled Russia from 1762 until 1796.

ANSWER: Catherine The Great (accept Catherine II or Yekaterina Velikaya or some combination, prompt Catherine)

## 8. Technology

Many of the objects created by this group are classified as A320 or A350, and they are now coming out with the A380. The United States has launched several complaints about it through the WTO even though this group employs about four hundred Americans. Most of its employees live in France, Germany, The United Kingdom, and Spain. Name this competitor of Boeing that manufactures airplanes.

ANSWER: Airbus (Industrie or Société par Actions Simplifiée)

## 9. Pop Culture

(Note to moderator: 'New York Nets' is not a typo.) He is one of five players to have scored over thirty thousand career points if you combine his ABA and NBA careers, and he is generally considered the greatest ABA player ever. He played for the University of Massachusetts, Virginia Squires, New York Nets, and Philadelphia Seventy-Sixers. Name this great dunker nicknamed The Doctor.

ANSWER: (Julius) Erving (prompt Dr J)

## 10. World Literature

He belonged to a group of actors that had trouble staying solvent and called themselves the Illustrious Theater. While they toured the country, he completed *The Blunderer* and *The Love Tiff*. He soon gained a reputation for writing the most intelligent comedies of his time, which was the middle of the seventeenth century. Name this Frenchman who wrote *The School for Husbands*, *The Misanthrope*, and *Tartuffe*.

ANSWER: Moliere (or (Jean Baptiste) Poquelin)

## 11. Biology

Some doctors claim that this organ is important for building immunity because it exposes white blood cells to antigens from the digestive tract. Surgeons are now capable of reconstructing it so that it becomes a part of the urinary tract. There have been cases of people being born without them and living full lives, and it is often removed if it becomes enlarged. Name this organ attached to the large intestine.

ANSWER: (Vermiform) Appendix

#### 12. Language Arts

This term can mean aid, approval, or sanction, but it is more commonly associated with the casting of votes. One definition is the right or privilege of voting in political matters or the exercise of such right. Give this word often associated with women's rights.

ANSWER: Suffrage

#### 13. Geography/Astronomy/Earth Science

Also known as Messier 31, it is about three million light years away and could impact us in three billion years. It has a double nucleus and is classified as a spiral. Name this part of the Local Group that has more stars than any other such galaxy.

ANSWER: Andromeda (Galaxy or Nebula)

#### 14. Current Events

He addressed a joint session of the US Congress on July 26<sup>th</sup>, though it was boycotted by some Democrats. He visited Iran in September and met with its leaders. This week, he told the BBC that Saddam Hussein could hang before the end of the year. This politician was named to his current position by Jalal Talabani after Ibrahim al-Jaafari was removed, and he has switched his first name from Jawad to Nuri. Name this Prime Minister who recently said that he is not America's man in Iraq.

ANSWER: (Jawad or Nuri Kamel Al-)Maliki

#### 15. Geometry/Trigonometry (10 Seconds)

Examples of this type of polyhedron include the triangular dipyramid, rhombohedron, and pentagonal pyramid. Classified based on their number of faces, the most common example is a cube. Name these three-dimensional six sided figures.

ANSWER: Hexahedron(s) (or Hexahedra) (prompt six-side figure or equivalent)

#### 16. British Literature

His first known poem was about the death of his sister's baby. He wrote two poems shortly after that, one praising the contemplative life and the other praising the cheerful life. He then wrote a poem about a Cambridge classmate who had drowned titled "Lycidas". He is best known for two poems that were first published in 1667 and 1671, the second one being published along with "Samson Agonistes". Name this writer of *Paradise Lost* and *Paradise Regained*.

ANSWER: (John) Milton

17. Nonfiction

This faculty member of the Rhode Island School of Design has written and illustrated books titled *Cathedral*, *City*, *Pyramid*, *Castle*, *Mill*, and *Underground*. His most popular book came out in 1988, was updated in 1998, and includes many drawings of woolly mammoths and cavemen. Name this author and illustrator of *The Way Things Work*.

ANSWER: (David) Macaulay

18. Physics (30 Seconds)

How much time will it take Jane to cross a river? She wants to travel straight across it, so she will have to angle her body to cancel the current and swim across. The river is thirty meters wide, she can swim five meters per second in still water, and the current is three meters per second.

ANSWER: 7.5 Seconds (accept  $7\frac{1}{2}$  or  $15/2$  Seconds)

19. Art/Architecture

It was designed to sit just above the doorways of The Gates of Hell and was originally titled The Poet. There are at least twenty casts of it, including one in Cleveland that was vandalized and never repaired. It probably portrays Dante and was completed at the beginning of the twentieth century. Name this sculpture; the original sat in front of the Pantheon for several years and now sits in a Rodin Museum.

ANSWER: (The) Thinker (or Le Penseur)

20. US History

He was appointed by New York Governor Herbert Lehman to fight organized crime, and he did such a good job that several mobsters moved to New Jersey. He later served as New York Governor from 1943 to 1955. In 1940, he wrote a book titled *The Case Against the New Deal*, but he did support social security and was a moderate Republican. Name this Republican Presidential Nominee in the Elections of 1944 and 1948.

ANSWER: (Thomas Edmund) Dewey

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.

It was released on May 31<sup>st</sup> of this year, and a version using Sprint should be released very soon. It has a QWERTY keyboard, but the only shift key is on the right side, and you have to push a special key to get characters other than letters. It contains some Bluetooth features and does not work with WiFi; its primary mode of communication is through the Verizon Wireless Network. Name this four-ounce smartphone released this year by Motorola.

ANSWER: (Motorola Moto) Q

Many statisticians believe that this scientist smoothed his results to fit his theories and censored results that did not fit them. He received a promotion in 1868, and after that time he spent more time arguing a tax dispute than conducting experiments. It is believed, however, that during the 1850s and 1860s he cultivated and tested twenty-eight thousand plants. Sixteen years after he died, his results were rediscovered and became the basis for the study of genetics. Name this abbot who studied pea plants.

ANSWER: (Gregor Johann) Mendel

Which state contains the towns of Hendersonville, Murfreesboro, Clarksville, Chattanooga, and Memphis?

ANSWER: Tennessee