

1. US Literature

His first successful novel was *The Spy* in 1821. Many of his novels take place at sea, including his books about Miles Wallingford. His most famous work is subtitled *A Narrative of 1757* and includes an introduction describing Native Americans. Name this author of *The Pioneers*, *The Prairie*, *The Pathfinder*, *The Deerslayer*, and *The Last of the Mohicans*.

ANSWER: (James Fenimore) Cooper

2. Calculus/Combinatorics (30 Seconds)

(Note to moderator: Ax is two separate letters.) There are no parentheses in this problem. A cubic function is given in the form $y = Ax^3 + Bx^2 + Cx + D$. Find the value of A if the third derivative of the function equals 48.

ANSWER: 8

3. Music

(Note to moderator: No singing, please.) This song from the mid-1960s inspired a 1991 movie. Some of the lyrics are: "I've got so much honey the bees envy me. I've got a sweeter song than the birds in the trees." Written by Smokey Robinson and covered by many artists, most prominently Otis Redding, it originally was a #1 hit for The Temptations. Name this song that asks the question: "I guess you'd say what can make me feel this way?"

ANSWER: My Girl

4. Chemistry (10 Seconds)

Though this classification usually is applied to reactions, it is also used to describe substances such as gypsum and concrete. Reactions that fit the description include electrolysis, respiration, and photosynthesis. Give this eleven-letter word used to describe things that absorb energy in the form of heat.

ANSWER: Endothermic

5. Religion/Mythology

This Roman goddess was often celebrated in late April or early May. She had a flower that made women pregnant used by Juno to create Mars. She is similar to the Greek Chloris. Name this goddess whose name is now associated with plant life.

ANSWER: Flora

6. Algebra (10 Seconds)

(Note to moderator: Eratosthenes is five syllables.) According to Bertrand's Postulate, one of these exists between every positive integer greater than one and twice that positive integer. If one of these is a factor of a product of two counting numbers, then it must be a factor of at least one of the counting numbers. Euclid wrote a proof that these are infinite in number, and Eratosthenes devised a simple way of finding them. Give the name for numbers that are not composite.

ANSWER: Prime (Numbers)

7. World History

His first major success was at the Battle of Caporetto, and he wrote a manual titled *Infantry Attacks*. Popular in his native land and involved in a plot to kill the leader, he eventually was told to swallow poison to prevent bad things from happening to his family and friends. Name this leader who was very successful in France and had mixed results in Africa leading Panzer divisions for Germany during World War Two.

ANSWER: (Erwin) Rommel

8. Technology

This began in 1999 as a site for sharing music and book reviews. A search engine at the top of the site allows you to search the web, users, metros, bloggings, or blogs. Members can use skins or layouts, and they can give eprops to other members. Name this weblog community whose name starts with the letter X.

ANSWER: Xanga

9. Pop Culture

The seniors on this team are Brett Swanson, Chris Richard, and Lee Humphrey. They are returning all five starters from last year, including Humphrey, Al Horford, Corey Brewer, Taurean Green, and Joakim Noah. Name this team coached by Billy Donovan that won last year's NCAA Men's Basketball Tournament.

ANSWER: (University of) Florida Gators (accept Florida or Gators)

10. World Literature

She attracts the attention of many men, including Archdeacon Frolo. She is often looking for her parents and accompanied by her goat Djali. Name this gypsy dancer who is loved by Quasimodo in Hugo's *The Hunchback of Notre Dame*.

ANSWER: (La) Esmeralda

11. Biology

Give an answer beginning with the letter D. These living things have a lot in common with golden algae, and they are usually classified based on their type of symmetry. Typically unicellular, they have a cell wall made of silica. Name this group of Protists whose name is based on the split usually found between their sides.

ANSWER: Diatom(s)

12. Language Arts

This word was originally used in Persian for a wall surrounding a garden. The Greek historian Xenophon used it to describe the gardens themselves, and it later showed up in Biblical translations to represent the Garden of Eden. It is now a common word referring to any place of supreme happiness. Give this eight-letter word beginning with the letter P.

ANSWER: Paradise (accept Paradiso)

13. Geography/Astronomy/Earth Science

This city contains a 12th Century castle built on Cave Hill and a modern sports and entertainment complex known as The Odyssey. Containing almost three hundred thousand people, it was the site of much conflict during the late twentieth century between Nationalists and Unionists. Name this city located in the province of Ulster that is the capital of and largest city in Northern Ireland.

ANSWER: Belfast

14. Current Events

He was appointed as a General in 1998, and when the Prime Minister tried to fire him in 1999, he took over his country in a bloodless coup. During a September visit to The United States, he told reporters that they should read his new book if they wanted answers to their questions, and he claimed that The US had threatened military actions against his nation a few years ago even though it is a nuclear power. Name this leader of Pakistan.

ANSWER: (Pervez) Musharraf

15. Geometry/Trigonometry (30 Seconds)

How many sides does a regular polygon have if each internal angle is 170 degrees?

ANSWER: 36

16. British Literature

This poet's works include *The Shepherd's Calendar*, *Colin Clouts Come Home Again*, and *Astrophel*. His name is used to describe stanzas that consist of eight lines of iambic pentameter followed by one line of iambic hexameter. He is best known for an epic poem published in 1590, 1596, and 1609 honoring the virtues of knighthood and the Tudor Dynasty. Name this writer of *The Fairy Queen*.

ANSWER: (Edmund) Spenser

17. Nonfiction

This anti-self-help book claims that you were planned for God's pleasure, formed for God's family, created to become like Christ, shaped for serving God, and made for a mission. It states, "It's not about you," and has been a bestseller since its release in 2002. Name this work by Rick Warren.

ANSWER: (The) Purpose Driven Life

18. Physics (30 Seconds)

Assume that the acceleration due to gravity is ten meters per square second and that there is no air resistance. If a ball is thrown horizontally and released at a height of 1.8 meters, how much time will it be in the air before it hits the ground? Include units in your answer.

ANSWER: 0.6 Seconds (accept 3/5 or 6/10 seconds)

19. Art/Architecture

This art movement can be broken down into analytic and synthetic phases. The analytic phase often involved the same object or person being shown from different angles, while the synthetic phase often involved attaching things to the canvas. Prominent during the early twentieth century, it was influenced by Paul Cezanne. Name this movement associated with Georges Braque and Pablo Picasso.

ANSWER: Cubism (or Cubist)

20. US History

Early in his Senate career, he was known as the Pepsi Cola Kid. Late in his Senate career, he was caught in a major controversy involving G. David Schine that led to televised hearings. He died at the age of 48 of hepatitis probably caused by alcoholism. Name this Wisconsin Senator who served from 1947 until his death in 1957. He is best known for his accusations that our government had been infiltrated by Communists.

ANSWER: (Senator Joseph 'Joe') McCarthy

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.

Its opening line is: "To the red country and part of the gray country of Oklahoma, the last rains came gently, and they did not cut the scarred earth." This novel begins with a character who has just been released after serving four years in prison. It proceeds to tell the story of his family moving to California. Name this John Steinbeck novel about the Joad family that takes its name from a line of The Battle Hymn of the Republic.

ANSWER: (The) Grapes of Wrath

On older computers, this zeroed the two leftmost bits of an ASCII character. It can be helpful if you are trying to get to the end of a spreadsheet, switch the active window, turn a Powerpoint presentation white, or change the formatting of text. It is almost always used in combination with other keys. Name this key which, unfortunately, is often pushed before Alt and Delete.

ANSWER: CTRL (or Control or Command Key)

Which state contains the towns of Moscow, Caldwell, Twin Falls, Pocatello, and Boise?

ANSWER: Idaho