

1. Born with the name Araminta, a more “American” name was given by a later owner. This native of Maryland’s eastern shore settled for a time in St. Catharines, Ontario, and would have joined John Brown at Harper’s Ferry had it not been for a serious fever. She served Union forces as a cook and nurse in South Carolina and was said to have done some spying, as she knew how to move furtively and had many connections with slaves. FTP name this woman who led at least 300 slaves to freedom from 1840 through 1861.

Answer: Harriet **Tubman**

2. The 1963 original sold for \$19.95. Its original color was aqua, but in keeping with the decorating tastes of the times, it has also been yellow, avocado green, orange, lime green, and is currently white. In 1966, you could make bubble gum in it, but the standard accessories that come with it are 4 different mixes, 2 pans, 2 utensils, 2 pan pushers, 2 trays, and instructions. Elaine used hers in a Seinfeld episode, but the mix was so old it tasted horrible. FTP, name this long-produced Hasbro toy, in which you see your cakes cook.

Answer: **Easy Bake Oven**

3. Using his own invention, the convergent eyepiece for the telescope, he explained that Saturn’s appearance was caused by a broad ring that surrounded it. In 1655 he also discovered Saturn’s largest moon, Titan. Another of his contributions was the theory of the pendulum. FTP name this astronomer and physicist, who most importantly asserted that light was the motion of waves rather than particles.

Answer: Christian **Huygens**

4. His first literary appearance came in the Tirso de Molina drama *The Libertine of Seville and the Stone Guest*. Moliere’s play about him introduced his wronged wife, Elvire. The scene where he is dragged into hell by a statue is included in Shaw’s *Man and Superman*. FTP name this legendary profligate and lover, subject of a Byron poem and a Mozart opera.

Answer: **Don Juan** [accept Don Giovanni]

5. The fastest win was in 1980 by Buddy Baker. It was first run in 1959, but it wasn’t until 1979 when it reached a national audience on CBS, when a last-lap crash between Cale Yarborough & Donnie Allison allowed Richard Petty to win. Won most recently by Ward Burton, it has long been the first race of the Winston Cup series. FTP, what is this premier NASCAR race run in Florida?

Answer: **Daytona 500**

6. It is believed to consist of mainly pyroxene, olivine and garnet. It is about 1750 miles thick and is solid, except for a partially molten region called the asthenosphere, which is about 40 to 250 miles below the Earth’s surface. FTP name this layer of the Earth which makes up about 67 percent of the Earth’s mass and lies between the outer core and the lithosphere or crust.

Answer: **mantle**

7. After the title figure’s story is told, a rebuttal is offered by a Franklin. In the prologue to this literary work the narrator, named Alison, tells how she feigned injury to force her fifth husband to yield control of the marriage to her. She then goes on to tell of a knight of King Arthur who will be pardoned for ravaging a maid if he can discover “what women most desire”. FTP, what is this famous Canterbury Tale?

Answer: the **Wife of Bath’s Tale**

8. The very first proposition in Euclid’s “Elements” proves that one of these can be constructed. The first step of the Koch snowflake fractal uses one and extends the middle third of each side. The stars Sirius, Betelgeuse, and Procyon form one in the winter sky. FTP--name this polygon with angles of sixty degrees.

Answer: **equilateral triangle** [prompt on triangle]

9. He took part in the expedition led by Cabral that discovered Brazil in 1500, but he drowned when his ship foundered. In 1487 he led three ships to India and back, opening the long-sought sea route there. FTP name this Portuguese navigator, the first Westerner to sail around the Cape of Good Hope.

Answer: Bartholomeu **Diaz**

10. Nicknamed Padfoot, he often appears as a gigantic black dog. Upon his conviction for the murder of thirteen persons in broad daylight with a single curse, he was confined to his most infamous residence. Later, we learn that he was framed by Peter Pettigrew, a treacherous servant of Voldemort. FTP, identify this godfather of Harry Potter, the title character in the third book of the series.

Answer: Sirius Black (accept either first or last name), or the **Prisoner of Azkaban**

11. He collaborated with dancer Merce Cunningham and artist Marcel Duchamp among others, and he drew on such unlikely sources as the *I Ching* (which inspired his piano piece *Music for Changes*.) He is best known for experiments with random chance music such as *Imaginary Landscape #4*, a 1951 work for 12 radios tuned randomly. FTP name this American composer, whose other works may make you long for the total silence of his *4 Minutes, 33 Seconds*.

Answer: John **Cage**

12. During this U.S. president's administration, the GATT agreement was signed by the major world powers, Tom Clark and Fred Vinson were appointed to the Supreme Court, the Philippines gained their independence, the 11-month Berlin airlift took place, NATO was formed, the Taft-Hartley Act passed, and the Marshall Plan was instituted. FTP, name this president whose term began just over 3 months before the dropping of two atomic bombs.

Answer: Harry S. **Truman**

13. His literary career began when his wife challenged him to write a better book than the one he was reading. Though *Precaution* did not sell well, his second novel, *The Spy*, allowed him to quit farming. At age 34 he published the first American sea tale, *The Pilot*, and the first of his most famous series of novels about the American wilderness and pioneer life. FTP, name this author of *The Pioneers*, *The Prairie*, *The Pathfinder*, and *The Last of the Mohicans*.

Answer: James Fenimore **Cooper**

14. The target of voracious class-action lawyers due to its deep pockets, MetLife recently settled out of court, paying \$20 million for its completely legal and benign role in supporting this product. Once prized as a fire retardant and insulator, it has spawned more lawsuits than any other product in the history of personal-injury litigation. FTP, name this product banned in the 1970s due to its potential to cause cancer if inhaled.

Answer: **asbestos**

15. Founded in 1535, its original name was Ciudad de los Reyes (City of the Kings). A powerful earthquake in 1746 killed about 10 percent of its population and destroyed most of the older structures, excluding a stone bridge over the Rimac River, which still stands. It and its chief port Callao were occupied by Chilean troops during the War of the Pacific. It is the capital of the country whose president until recently was Alberto Fujimori. FTP, name this largest city in Peru.

Answer: **Lima**

16. It doesn't matter if you force it to rewind to the start of the tape rather than backing up one space. It doesn't matter if the tape is bi-infinite or infinite only in one direction. It can be abstracted to multiple heads or multiple tapes, but these are equivalent to a single tape or a single head by Dovetail's principle. They have a namesake speedup principle, and Cook showed that you can reduce CNF-Sat problems to these devices. FTP identify this computer science abstraction that can model any possible computation.

Answer: **Turing** machine

17. The U.S. branch was established in 1880 by Commissioner George Railton, though later the English founder's daughter, Evangeline, took over. Soldiers sign the "Articles of War" and are not required to wear the uniform, while Adherents do not sign and cannot wear the uniform. Officers have the status of ordained ministers and work for it full time. FTP what is this philanthropic religious group founded by General William Booth, noted for its street missions and for red buckets in shopping malls?

Answer: the **Salvation Army**

18. Tactically speaking, it failed; all the territory won in this campaign, including the former imperial capital of Hue [HWAY] were reversed within a matter of weeks. But the fact that those gains were made at all meant a political and psychological victory for Communist forces, which had the element of surprise because they attacked on a major holiday. FTP name this January 1968 offensive which dramatically weakened U.S. resolve in the Vietnam War.

Answer: the **Tet** Offensive

19. Like the mitochondrion, it is a double-membrane-bound organelle with its own DNA, which it contains in the stroma. It contains grana, which are stacks of thylakoids, or individual membranes on which the process of photosynthesis actually occurs. Found only in plants and certain protists, FTP, name these chlorophyll-bearing organelles.

Answer: **chloroplasts**

20. His works include *Cathleen Ni Houlihan*, a nationalist prose drama with Maud Gonne as the lead, *On Baile's Strand*, and *Purgatory*. *A Vision* is an elaborate attempt in prose to explain the mythology, symbolism, and philosophy used in much of his work. With Lady Isabella Augusta Gregory, he helped found what became in 1904 the famous Abbey Theatre. FTP name this Irish author whose widely anthologized poems include "September 1913," "The Wild Swans at Coole," and "Sailing to Byzantium."

Answer: **William Butler Yeats**

21. These 'kreoboroi', or "eaters of flesh" crushed the Atlanteans and occupied Gorgon and the greater part of Libya under their leader Myrine. Following the abduction of Antiope, they invaded Attica, but their most notable military operation occurred when they rallied to the defense of Troy under their warrior queen Penthesileia. FTP, name these practitioners of infanticide who 'moved all strength into shoulder and arm' by burning away a breast.

Answer: **Amazons**

22. In 1853, he was sent to join Tseng Kuo-fan's army to fight against the Taipings. He became a viceroy of Fukien and Kansu provinces, but returned home to fight Nien rebels and Muslim invaders into Hunan province. FTP, name this Chinese general who apparently liked lightly-battered chicken pieces fries & served in a spicy sauce.

Answer: **General Tso T'sung-t'ang**

23. The Law of Pragnanz was posited by this theory's three founders, and states that of any array of geometrical organizations, the existing ones will be most stable. This law is fundamental to another of this theory's principles, which shows that when subjects are shown a geometrical shape with a missing part, subjects will mentally complete the shape. This is a general description of, FTP, what psychological theory founded by Wertheimer, Koffka, and Kohler, poorly summed up by the phrase "the whole is greater than the sum of its parts"?

Answer: **Gestalt theory**

24. Born in 1980 in Syosset, NY, she led Christ the King High School to a national championship her senior year, averaging over 16 points, 7 assists, and 8 steals per game. Her freshman year in college was cut short by an ACL injury, but she recovered in time to start every game in the 1999-2000 season. This season, as a starter in the backcourt alongside Diana Taurasi, she was the preseason Big East Player of the Year, as well as the leading vote-getter on the AP's preseason All-American team. FTP, name this guard who led Connecticut to the 2002 NCAA women's basketball championship.

Answer: **Sue Bird**

1. FTPE answer the following about one of your genial quizmaster's least favorite authors:

a) Her philosophy of objectivism, which permeates her novels such as *Anthem* and *We the Living*, asserts that selfishness is a virtue and that charity almost always harms the recipient. FTP name this author.

Answer: Ayn **Rand** (or Alice Rosenbaum if you want to show off)

b) Rand's first bestseller, this 1943 book focuses on the oh-so-superior architect Howard Roark, whose genius and force of will sweep the beautiful heiress Dominique Francon off her feet.

Answer: The **Fountainhead**

c) In this 1957 novel, Rand uses science fiction as a platform to express objectivist views in mind-numbing detail through the radio addresses of the mysterious John Galt. This is the book that convinced Officer Barbrady of *South Park* that literacy was overrated.

Answer: **Atlas Shrugged**

2. Name the authors of these unrelated philosophical works FTPE:

a) *Either/Or* and *Fear and Trembling*

Answer: Soren **Kierkegaard**

b) *Utopia*

Answer: Sir Thomas **More**

c) *Discipline and Punish* and *Madness and Civilization*

Answer: Michel **Foucault**

3. Identify the chief justice of the U.S. Supreme Court when the following decisions were issued, FTSNOP.

A. [5] The 1966 decision *Miranda v. Arizona*

Answer: Earl **Warren**

B. [5] The 1990 decision *Webster v. Reproductive Health Services of Missouri*

Answer: William **Rehnquist**

C. [10] The 1973 decision *Roe v. Wade*

Answer: Warren. **Burger**

D. [10] The 1925 decision *Gitlow v. New York*

Answer: William H. **Taft**

4. We know the bones, muscles, glands, all that fancy stuff, but what about the membranes? FTPE name these underappreciated parts of the human body:

a) The membrane covering the brain and the spinal cord

Answer: **meninges**

b) The membrane covering the outside of the bone.

Answer: **periosteum**

c) The membrane covering the sclera of the human eye

Answer: **conjunctiva**

5. Identify the poems from a brief passage FTP each. If you need the name of the author, you'll get only 5 pts.

(A) 10 pts.: "Though I've flogged you and I've flayed you / By the living God that made you / You're a better man than I am..."

5 pts.: Rudyard Kipling

Answer: "**Gunga Din**"

(B) 10 pts.: "Out flew the web and floated wide; / The mirror crack'd from side to side; / "The curse is come upon me," cried..."

5 pts.: Alfred, Lord Tennyson

Answer: "**The Lady of Shallott**"

(C) 10 pts.: 'Gather ye rosebuds while ye may, / Old Time is still a-flying'

5 pts.: Robert Herrick

Answer: "**To the Virgins, to Make Much of Time**" [accept "To Virgins" – a few sources omit "the"]

6. Answer these questions relating to a Russian surname FTPE.

This 18th-century field marshal was an intimate of Catherine the Great and was famous for his namesake villages, which were quickly built ahead of Catherine's carriage and subsequently dismantled.

Answer: Grigori **Potemkin**

Potemkin erected those villages to convince the empress that this newly acquired region, later the focal point of a war in the 1850's, was being settled by Russians.

Answer: the **Crimea**

What famous Russian director pioneered modern editing techniques in the classic film *Battleship Potemkin* in 1926?

Answer: Sergei **Eisenstein**

7. Some composers specialized in works on nationalist themes. Name these European examples from works FTPE:

a) *The Bartered Bride*, *From My Life*, and *The Moldau*

Answer: Bedrich **Smetana**

b) *At a Southern Convent Gate* and *Peer Gynt Suite*

Answer: Edvard **Grieg**

c) *Duke Bluebeard's Castle*, *The Miraculous Mandarin*, and *Mikrokosmos*

Answer: Bela **Bartok**

8. Provide these physics terms which start with "D," FTP each.

The sorting out of waves according to their speed in a medium; the separation of white light in a prism is a classic example.

Answer: **Dispersion**

The change in frequency of a wave due to the motion of the source or the observer.

Answer: **Doppler Effect**

The process by which waves, encountering an obstacle, bend around corners.

Answer: **Diffraction**

9. Identify these explorers of the Arctic FTPE.

This Dutchman was looking for a northeast passage to Cathay but ended up dying on Novaya Zemlya, an island marking the eastern border of the sea above Murmansk named for him.

Answer: William **Barents**

This Dane sailed for Peter the Great and sailed through the strait separating North America and Asia which is named for him.

Answer: Vitus **Bering**

Namesake of a large island north of Quebec and the bay separating it from Greenland, this Englishman explored that area and devised a method of approximating longitude.

Answer: William **Baffin**

10. There are numerous outlets to buy "As Seen on TV" products both on the Net and at a mall near you. Identify these "As Seen on TV" products from clues FTP each.

a. From the makers of OrangeGlo and Orange Clean, and advertised on TV by that loud annoying bearded guy, is this stain cleaner powered by the air you breathe.

Answer: **OxiClean**

b. If you need to stop that annoying drip drop, use this sealant in a can on your pipes, gutters and drains.

Answer: **Leak Ender 2000**

c. Having problems sleeping, try using this Japanese pillow that's filled with buckwheat husks.

Answer: Makura **Sobakawa** pillow

11. The head carpenter who oversaw its building in Puritan times was Tom Maule. First, FTP, give the name of this building, the title of a book published in 1851.

Answer: **The House of Seven Gables**

For five points: Who wrote *The House of Seven Gables*?

Answer: Nathaniel **Hawthorne**

For fifteen points, name the owner who was found dead in it, shortly after it was completed.

Answer: Colonel **Pyncheon**

12. The dreaded gas laws for 10 points each:

A. Whose law states that if the pressure does not change, the volume of a given mass of gas is directly proportional to the absolute temperature?

Answer: **Charles' Law**

B. This law states that when the temperature is kept constant, the weight of a dissolved gas in a liquid is proportional to the pressure exerted by the gas on the liquid.

Answer: **Henry's Law**

C. This law states that at a constant temperature, the volume of a confined ideal gas varies inversely with its pressure.

Answer: **Boyle's Law**

13. Name these Japanese emperors, FTSNOP.

A. [5] He renounced his divinity over the radio in 1946.

Answer: **Hirohito**

B. [10] He has been the emperor since January 1989.

Answer: **Akihito**

C. [15] The victor at the battle of Sekigahara, he became the first emperor of the Edo period in 1603.

Answer: **Tokugawa Ieyasu (accept either)**

14. Given lyrics to a song nominated for a 2002 Grammy Award, name the song for five and the artist for five more.

(5/5) "All that you fashion, All that you make, All that you build, All that you break, All that you measure, All that you steal, All that you can't leave behind."

Answer: **"Walk On" by U2**

(5/5) "And love won't play any games with me anymore if you don't want it to, the world won't wait, and I watched you shake. But, honey, I don't blame you, hell, I still love you..."

Answer: **"New York, New York" by Ryan Adams**

(5/5) "Fa shizzle my nizzle used to dribble down in V-A, Was herbin' 'em in the home of the turbans, Got it dirt cheap for them, plus if they was short wit cheese I would work wit 'em."

Answer: **"Izzo (H.O.V.A.)" by Jay-Z**

15. In the King James Version of the Bible, and pretty much all other Protestant editions, the Old Testament concludes with 12 books whose authors are lumped together by scholars as the minor prophets. F5PE name any 6 of these books.

Answers: any 6 of **Hosea, Joel, Amos, Obadiah, Jonah, Micah, Nahum, Habakkuk, Zechariah, Haggai, Zephaniah, or Malachi**

16. Answer these eclipse-related questions, FTP each.

In this type of eclipse, which shares its name with a term for tree rings, the moon is too far away and blocks only a central disk of the sun, leaving the outer ring unblocked.

Answer: **Annular eclipse**

What low-density, high-temperature outer region of the sun, which shares its name with a Mexican beverage, becomes visible during an eclipse?

Answer: **Corona**

This is a string of lights seen during a total eclipse of the sun, produced by the light on the sun's margin passing through irregularities on the lunar surface.

Answer: **Bailey's Beads**

17. Name the Russian authors of the following works on a 10-5 basis.

A. 10 – *A Sportsman's Sketches*

5 – *Fathers and Sons*

Answer: **Ivan Turgenev**

B. 10 – *The Red Wheel* and *The First Circle*

5 – *Cancer Ward* and *One Day in the Life of Ivan Denisovich*

Answer: **Aleksandr Solzhenitsyn**

C. 10 – *Sevastopol Sketches* and *The Cossacks*

5 – *War and Peace*

Answer: **Leo Tolstoy**

18. Identify these Confederate generals FTPE.

a) Commandant at West Point just before the war began, he led the attack on Fort Sumter against his old West Point teacher Robert Anderson. He later retired to Louisiana where he ran a corrupt lottery.

Answer: **P. G. T. Beauregard**

b) A former professor at VMI, this general's death at Chancellorsville greatly hurt Confederate chances.

Answer: **Thomas "Stonewall" Jackson**

c) This successful general's reputation is still tarnished by the Fort Pillow Massacre, though it's not known for sure whether he directly ordered the killing of surrendering black soldiers.

Answer: **Nathan Bedford Forrest**

19. Name these types of angles, FTPE:

a. It is an angle greater than ninety degrees in measure.

Answer: **obtuse**

b. As they delineate the plane into sections, the angles with measures ninety, one hundred eight, two hundred seventy, and three hundred sixty are called this.

Answer: **quadrantal**

c. Because 110 and 830 look like the same angle when drawn, they are a pair of this type of angle that start at the same initial side.

Answer: **coterminal**

20. Okay, so maybe there are too many questions about Picasso's "Guernica." However, let's see what you remember about the painting itself FTPE.

At the upper left there is a representation of what animal which often is featured in Picasso's work?

Answer: **bull**

At the center of the painting is perhaps the painting's most arresting image, a screaming one of these animals.

Answer: **horse**

The bombing of the Basque town of Guernica was carried out by Nazi flyers who were part of what German flying force of the Spanish Civil War?

Answer: **Condor Legion**

21. Give the full names of these international organizations and agreements from their acronyms F5PE:

a) GATT

Answer: **General Agreement on Tariffs and Trade**

b) WHO

Answer: **World Health Organization**

c) IMF

Answer: **International Monetary Fund**

d) FAO

Answer: **Food and Agriculture Organization**

e) WTO

Answer: **World Trade Organization**