

Before we start, your genial quizmaster wishes to thank those who supplied some of the questions: Kelly McKenzie of Kentucky, Seth Teitler of Cal-Berkeley, Glenn Allen Bobo of Beville State, Stan Jastrzebski of DePauw, Ezubari Jordan & friends from Caltech, Jason Carl Mueller of Missouri, Sudheer Potri of Illinois, Mengmeng Zhang of Texas, Chris Manteuffel of Virginia, Jeremy Rasmussen of South Florida, Amber Obermeyer of Detroit Country Day School, William Tressler of the Sanford School, and all the contributors to our recent trash tournament, ACF Detox. Special thanks go to Chris Borglum of Valencia State for the question-sharing arrangement with their Delta Burke Invitational, and to the authors of the Delta Burke questions: Chip Thomas, Raj Dhuwalia, Robert Whaples, and Jeremy Lee. Everything else is by your genial quizmaster, so if you don't like a particular question, blame him.

1. The two characteristics in this work's title cut both ways. The heroine feels one toward her own self-respect and the other toward the hero's snobbery, while the hero feels the former toward his own social and economic status and the latter against hers. These obstacles are overcome by Elizabeth Bennett and Fitzwilliam Darcy, but it originally took the author three volumes to finally get them together. FTP name this 1813 novel by Jane Austen.

Answer: **Pride and Prejudice**

2. His great-uncle said of him, "There was never a better slave nor a worse master." He kissed and told; among his lovers were the noted mime actor Mnester, the poet Catullus, his brother-in-law Marcus Aemilius Lepidus, and all three of his sisters. At first his reign was mild and his policies sensible, but then his grandmother Antonia died and he took ill, possibly with encephalitis. Changed after the illness, he exhausted the treasury, revived treason trials as torture-filled spectator events, raised taxes, killed rich people for their inheritances, and even raised money by opening a palace brothel filled with highborn women. FTP name this successor of Tiberius and predecessor of Claudius, who reigned as Emperor of Rome from AD 37 to 41.

Answer: **Gaius Caligula**

3. In terms of the recycling classification system, this polymer is #4 in its low density configuration and #2 in its high density configuration. While the high density or linear configuration is stronger and has the simplest structure of any commercial polymer, the low density or branched form is cheaper and easier to make. FTP, name this most popular plastic, commonly used for grocery bags and milk jugs.

Answer: **Polyethylene** or polyethene

4. His works for piano included *Valses nobles et sentimentales* (1911) and *Gaspard de la Nuit* (1908). While he relied on the strong melodies of the 19th century romantic tradition, he used tone color of different instruments to show his impressionistic style in such works as *Daphnis et Chloe*. FTP name the French composer of *Bolero*.

Answer: **Maurice Ravel**

5. His feast day is December 27. While many scholars question whether he is the author of a fifth book often attributed to him, this brother of James the Greater is generally acknowledged as the author of three New Testament epistles, as well as the Gospel which begins, "In the beginning was the Word..." FTP name this disciple whom many believe to have been the closest personally to Jesus.

Answer: **John** (the Apostle or the Evangelist; accept the Divine; do **not** accept "the Baptist")

6. In 1976 several prosecution witnesses revealed that they had been coerced to testify against this woman at her trial, leading to her pardon from President Ford. Born Iva D'Aquino, in 1941 she traveled to Japan to visit a sick relative, but after Pearl Harbor was unable to return to the United States. FTP, who was this woman forced to broadcast anti-American propaganda to demoralize Allied servicemen in the Pacific?

Answer: **Tokyo Rose** (accept early answer of Iva D'Aquino)

7. This process involves the weak nuclear force, as a down quark is converted to an up quark. The existence of the neutrino was hypothesized to allow conservation of momentum and energy in this process. It results in emission of an antineutrino, and the inverse process is called K capture when it involves an electron in the first energy level. This process preserves the mass number but increases the atomic number by one, as one neutron is converted into a proton. An electron is also emitted in, FTP, what type of nuclear radioactive decay?

Answer: **beta decay**

8. Raised in the Marcy Projects in Brooklyn, Shawn Carter was a high school friend of the late Notorious B.I.G. Under his pseudonym, Carter began producing albums in 1994 and was featured in Mariah Carey's "Heartbreaker." His latest album is *Best of Both Worlds*. FTP name the artist who won a Grammy for 1998's "Vol 2...Hard Knock Life," the tour for which was rap's biggest grossing tour.

Answer: **Jay-Z**

9. He published several volumes of poetry before satirizing the hedonism of the 1920's in such novels as *Antic Hay*, *Point Counter Point*, and *Crome Yellow*. He had a significant influence on the counterculture of the Sixties with *The Doors of Perception*. FTP name the author of *Eyeless in Gaza* and *Brave New World*.

Answer: Aldous **Huxley**

10. If granted full independence, this would have by far the lowest population density of any nation in the world, with only 18 municipalities in an area about three times that of Texas. Locals prefer the name Kalaallit Nunaat, but it has not been as widely accepted as the renaming of its former capital Godthaab, now Nuuk. FTP name this chilly Danish dependency,

Answer: **Greenland** [accept Kalaallit Nunaat before it's mentioned]

11. It has been argued that the figure with his back to the viewer in this painting is a thief. In the left background is a desolate red building, while an advertisement for Phillie's cigars is found above a brightly illuminated diner containing an employee in white and a couple. FTP, what is this masterpiece by Edward Hopper?

Answer: **Nighthawks**

12. This organ's two lobes are separated by the falciform ligament. It produces the plasma proteins prothombrin, fibrinogen, and albumin; manufactures the anticoagulant heparin; plays a major role in the body's metabolism; and converts poisons into less harmful compounds. FTP name this bile-producing organ, which after the skin is the second largest in the human body.

Answer: **liver**

13. Soon after its incorporation Chile applied to join it, and negotiations over its admittance began in 1994. Extending an earlier 1988 agreement between the United States and Canada, it mandated a gradual phasing out of agricultural tariffs and complete removal of all trade tariffs between its three original signers. FTP, what is this controversial 1992 trade agreement between Canada, the United States, and Mexico?

Answer: **NAFTA (North American Free Trade Agreement)**

14. Two fantastic novels he wrote five years apart are often published together as *Voyages to the Moon and the Sun*. Just as his work satirized the customs and beliefs of his time, he defied convention in his own life, and his sharp temper led to many duels over insults aimed at his unique personal appearance. FTP name this soldier and poet, immortalized in a verse drama by Edmond Rostand.

Answer: Savinien **Cyrano de Bergerac** [prompt on partial answer]

15. Pencil and paper ready. You have 10 seconds. FTP, what is the area of a circle inscribed inside of a square with area 36 square inches?

Answer: **9 pi square inches**

16. It was a major factor in the election of 1848, electing one Senator (future Chief Justice Salmon P. Chase) and drawing enough votes from the Democrats in New York to throw the election to the Whig Zachary Taylor. Unlike its predecessor, the Liberty Party, it sought to build a coalition between Northerners and Westerners by opposing slavery on economic rather than moral grounds. FTP name this third party, whose leaders in 1854 joined forces with disaffected Whigs and anti-slavery Democrats to form the Republican Party.

Answer: the **Free Soil Party**

17. It has an estimated 2.8 million followers worldwide today. Although it has no overall dogma, adherents are expected to revere their ancestors, remain pure and simple, and enjoy life. They also remember and celebrate, especially at shrines and festivals, the *kami*, a large number of gods and spiritual beings. FTP name this venerable native religion of Japan.

Answer: **Shinto**

18. September 19, 1969, was a historic day for Dan Evins and Tommy Lowe. In those days, the interstate system was young, and good food was hard to find along those massive highways, especially in small towns like Lebanon, Tennessee. The two friends opened up their store with the philosophy that mealtime was a time to be shared, even on the road. By 1977, thirteen of their restaurants had opened, and by 1981 they were publicly traded. Today, there are 440 of these establishments, most with the Old Country Store attached, but no filling stations as they once boasted. FTP, name this staple of exit-ramp cuisine.

Answer: **Cracker Barrel**

19. It has given us a means of estimating the extent of the Earth's atmosphere, as they have appeared at heights ranging from 50 to roughly 600 miles. The Van Allen belts' magnetic field traps some of the material from coronal mass ejections of the particle stream often called solar wind. When these particles collide with terrestrially produced particles in high enough quantities, they can produce audible crackling or buzzing sounds as well as luminous expanding arcs or vertical streamers of light. FTP name this phenomenon, given the suffix Australis if in the Southern Hemisphere or Borealis if in the Northern.

Answer: **aurora** [accept Northern Lights, aurora borealis, or aurora australis]

20. Chauffeur Walter Lee Younger hopes to use his father's insurance money to become part owner of a liquor store. But with the support of his wife Ruth and sister Beneatha, his mother instead makes a down payment on a house in an all-white neighborhood. Soon thereafter she receives a visit from Karl Lindner, representing the neighborhood with a buyout offer. FTP name this 1959 drama by Lorraine Hansberry, which takes its title from a line in the Langston Hughes poem "Harlem."

Answer: **A Raisin in the Sun**

21. Grade Two uses about 300 common contractions, and the seldom-used Grade Three uses even more. In Grade One, dot 6 denotes that the next symbol is a capital letter, while dots 3, 4, 5, and 6 together indicate that it is a number. Q and Y are the only letters using 5 of the 6 possible dots. FTP name this system of printing and writing for the blind, named for its 19th century French developer.

Answer: **Braille**

22. This thinker wrote the novel "A Tenured Professor", but is better known for his work in economics, including "A Short History of Financial Euphoria". Author of the memoirs "The Scotch" and "Ambassador's Journal", the latter concerning his time as Kennedy's ambassador to India, he advocated Keynes' philosophy of public welfare programs in "The Nature of Mass Poverty" and "American Capitalism: The Concept of Countervailing Power". FTP, who was this Canadian economist best known for "The Affluent Society"?

Answer: John Kenneth **Galbraith**

23. The name's the same. A 1973 movie starring Al Pacino and Gene Hackman. The code name of Lee Stetson. A Garth Brooks album containing the songs "Thicker Than Blood" and "Don't Cross The River." A John Cougar Mellencamp album, which includes the songs "The Face of the Nation" and "Small Town." FTP, give this name, which also names Ray Bolger's character in "The Wizard of Oz."

Answer: **Scarecrow**

1. One of the most influential volumes of verse was the 1798 book *Lyrical Ballads*, which featured the works of two allied poets. Answer the following about that collection FTPE:

a) The collection's first poem, it relates the travails of a sailor who brought bad luck by shooting an albatross.

Answer: The **Rime of the Ancient Mariner**

b) The volume concludes with this poem about the joy of a pilgrimage to a special sacred place, which begins, "Five years have passed / Five summers, with the length / Of five long winters!"

Answer: Lines Composed a Few Miles Above **Tintern Abbey**

c) FTPE, name the book's two collaborators, one of whom wrote "The Rime of the Ancient Mariner", the other of whom wrote "Lines Composed a Few Miles Above Tintern Abbey."

Answers: Samuel Taylor **Coleridge** and William **Wordsworth**

2. Name these important ores FTPE:

a) Composed in its pure form of lead sulfide, it is the most important ore of lead, but it often has enough silver content to be mined for that as well.

Answer: **galena**

b) A mixture of such minerals as diasporite, gibbsite, and boehmite, it is the most important source of aluminum.

Answer: **bauxite**

c) This is the mineral name for mercury sulfide, the chief ore of mercury.

Answer: **cinnabar**

3. Not counting Republican Party, since it absorbed the already dying Whigs, 3rd party movements in the U.S. never flourish for very long but can prompt a major party to change its platform. FTPE answer the following:

a) This party came the closest, actually finishing 2nd in 1912, but that was because they had the popular ex-President Theodore Roosevelt at the top of the ticket. Minus the nickname "Bull Moose," they reemerged as a credible force in 1924 with Robert LaFollette and in 1948 with Henry A. Wallace.

Answer: **Progressive Party**

b) Falling short of pre-election polls but still finishing a strong 3rd in 1996 was this party formed by H. Ross Perot, who ran as an independent in 1992. In 2000 a struggle between two newcomers, conservative Pat Buchanan and former Natural Law Party candidate Dr. John Hagelin, weakened its structure and led it to finish 4th in the vote totals.

Answer: **Reform Party**

c) The last 3rd party to carry any states was the American Independent Party in 1968, which got 46 electoral votes from Southern states for this candidate, the segregationist Governor of Alabama.

Answer: **George C. Wallace**

4. FTPE, name the following about the labors of Heracles.

1. (10 points) Heracles defeated this monster of Lernaean swamps with the aid of his friend Iolaus, who burned the stumps of each of its heads after Heracles cut them off.

Answer: the Lernaean **Hydra**

2. (10 points) By holding the general Melanippe for ransom, Heracles gained the girdle of this queen of the Amazons.

Answer: **Hippolyta**

3. (10 points) Heracles captured the horses of this king of the Bistonians. Made mad after being fed with human flesh, Heracles tamed the horses by feeding them their master.

Answer: **Diomedes**

5. Tired of predictable films? FTPE, given a recent film with major plot twists we won't tell you about, name the film.

a) In this 1999 film, Haley Joel Osment sees dead people. They're everywhere.

Answer: **The Sixth Sense**

Guy Pearce stars as Leonard Shelby, a man with a condition that blocks formation of new memories, in this 2001 Oscar nominee. Since it's told backwards, you know the end of the story right away but must figure out the beginning.

Answer: **Memento**

Guy Pearce stars as Leonard Shelby, a man with... did I say that already? OK, then, instead Nicole Kidman plays a woman isolated with her two kids in a spooky house on the isle of Jersey in this 2001 film.

Answer: **The Others**

6. Sri Lanka, Israel, and Swaziland are among a handful of nations with two official capitals. Name these others from their multiple-choice capitals on a 10-5 basis:

a) 10 pts.: Sucre

5 pts.: La Paz

Answer: **Bolivia**

b) 10 pts.: The Hague

5 pts.: Amsterdam

Answer: the **Netherlands**; accept Holland

c) 10 pts.: Dodoma

5 pts.: Dar es Salaam

Answer: **Tanzania**

7. One reason to become an artist is that you can still make editorial comments even after you're dead. Answer the following about artists and models FTSNOP:

a) (5 pts.) In his fresco *The Last Judgment* in the Sistine Chapel, he made sure to include Pope Julius II – the man who forced him to paint the chapel – as one of the faces in Hell.

Answer: **Michelangelo** Buonarroti

b) (5 pts.) This artist used his sister and his dentist as the models for *American Gothic*. He must have been amused when people assumed they were a married couple, since his sister was intended to be seen as the farmer's daughter.

Answer: **Grant Wood**

c) (10 pts.) While it is clear that he was infatuated with the noblewoman depicted so scandalously in *The Naked Maja*, historians doubt that the two were ever involved and presume that he employed a body double as his model.

Answer: **Francisco Goya**

d) (10 pts.) She was raped by her father's student Agostino Tassi and had the courage to persuade her father to sue for damages, a suit Tassi apparently lost. That's Tassi's face contorted in agony in her *Judith Beheading Holofernes*.

Answer: **Artemisia Gentileschi**

8. F5PE or 30 for all 5 correct, name the acid from its formula:

a) HCl [*H C-L.*]

Answer: **Hydrochloric acid**

b) H₃PO₄ [*H-3 P O-4*]

Answer: **Phosphoric acid**

c) HNO₃ [*H N O-3*]

Answer: **Nitric acid**

d) HClO [*H C-L. O*]

Answer: **Hypochlorous acid**

e) CH₃CO₂H [*C H-3 C O-2 H*]

Answer: **Acetic acid**

9. How long has Elizabeth II been on the British throne? When she ascended to it, Winston Churchill was in his final term as Prime Minister. For 5 points each, name any 6 of the other 9 Prime Ministers who've served since 1953.

Answers: any six of: Sir (Robert) Anthony **Eden**; (Maurice) Harold **Macmillan**; Sir Alec **Douglas-Home** (pronounced *Douglas-Hume* but accept *Douglas-Home*); (James) Harold **Wilson**; Edward **Heath**; James **Callaghan**; Margaret ("Maggie") **Thatcher**, Baroness Thatcher of Kesteven; John **Major**; Anthony ("Tony") **Blair**

10. For those too lazy even for Cliff's Notes, there's the "Book-a-Minute Classics" site on the Web. F5PE identify the novels from their ultra-condensed version found there, and for another 5 pts. name the author:

a) Our farm has been taken away. Let's go to California. (They do. On the way, there are calamities, and people DIE, because this is the Great Depression when times were HARD, and it was a struggle just to hold on to one's DIGNITY.)

Answers: ***The Grapes of Wrath***, John **Steinbeck**

b) An old man catches a fish that's too big for his boat. The fish gets eaten by sharks. Then he goes home and DIES. The end.

Answers: ***The Old Man and the Sea***, Ernest **Hemingway**

c) Holden Caulfield: Angst angst angst swear curse swear crazy crazy angst swear curse, society sucks, and I'm a stupid jerk. The end.

Answers: ***The Catcher in the Rye***, J.(ohn) D.(avid) **Salinger**

11. FTPE, answer the following about a Civil War battle.

1. (10 points) In this April 6, 1862 battle, Albert Johnston attacked the Union army, but retreated to Corinth, Mississippi the next day after Union reinforcements arrived, leaving western Tennessee in Union hands.

Answer: **Shiloh** (or Pittsburg Landing for us Southerners)

2. (10 points) This was the Major General who led the Union forces at Shiloh.

Answer: **Ulysses S. Grant**

3. (10 points) Johnston's flanking maneuver against the Union was stalled at this site near Sarah Bell's peach orchard, where heavy resistance was encountered from the Union troops entrenched in a thicket of oak trees.

Answer: **the Hornet's Nest**

12. In 2000 the Pro Football Hall of Fame voters selected the NFL All Time Team. Name these members FTPE:

a) At quarterback was this star of the Baltimore Colts who revolutionized the passing game in the late '50's and '60's.

Answer: **Johnny Unitas**

b) The only player on the list still active is this wide receiver, who crossed the bay from his original team to spend the 2001 season with the Oakland Raiders.

Answer: **Jerry Rice**

c) Appearing at defensive end opposite Deacon Jones was this Tennessee alumnus who established the career sacks record with Philadelphia, Green Bay, and Carolina. Oh, and did we mention he's from Chattanooga?

Answer: **Reggie White**

13. FTPE name the African authors of the following:

a) *Too Late the Phalarope* and *Cry, the Beloved Country*

Answer: **Alan Paton**

b) *Anthills of the Savannahs* and *Things Fall Apart*

Answer: **Chinua Achebe**

c) *A Guest of Honor* and *My Son's Story*

Answer: **Nadine Gordimer**

14. Earlier in this round we mentioned Sucre, one of the capitals of Bolivia. Sucre was named for one of the leaders in the South American wars of liberation. FTPE name these other leaders in those wars:

a) Antonio Jose de Sucre was chief lieutenant to this man, who took up the cause begun by Francisco Miranda and led the liberation of Venezuela and Colombia.

Answer: **Simon Bolivar**

b) In 1822 Bolivar took over the task of clearing Peru of Spanish forces from this man, who had captured Lima after success in his native Argentina.

Answer: **Jose Francisco de San Martin**

c) In 1817 San Martin and this general with an unlikely name invaded Chile and defeated the Spanish at Chacabuco. He remained in Chile and served as its first director from 1817 till 1823.

Answer: **Bernardo O'Higgins**

15. For 5 pts. each, given a mammal, tell which order it belongs to:

a) Whales

Answer: **Cetacea**

b) Chimpanzees

Answer: **Primates**

c) Bats

Answer: **Chiroptera**

d) Hedgehogs

Answer: **Insectivora**

e) Lemurs

Answer: **Primates**

f) Rabbits

Answer: **Lagomorpha**

16. Fans of the TV series *Little House on the Prairie* who never read the books will no doubt be surprised to know that the title residence was *not* in Walnut Grove. Answer the following FTSNOP:

a) (5) The book *Little House on the Prairie* actually took place in this Kansas town, often confused with the Missouri town of the same name which now houses the Presidential Library of its most famous resident, Harry Truman.

Answer: **Independence**

b) (5) Name the author of *Little House on the Prairie*.

Answer: Laura Ingalls **Wilder** [grudgingly accept Ingalls, and if someone says Rose Wilder Lane, also grudgingly accept it as some scholars contend she actually ghostwrote it for her mom]

c) (10) The first book of the series, this book is set in Pepin, Wisconsin, where Laura and her sister Mary were born.

Answer: **Little House in the Big Woods**

d) (10) Walnut Grove, MN, was actually the setting for another book in the series, one of two that name bodies of water in the title. The other took place near DeSmet, SD, where Ma and Pa finally settled for good. FTP name either book.

Answer: **On the Banks of Plum Creek** (Walnut Grove) or **By the Shores of Silver Lake** (DeSmet)

17. Most famous philosophers weren't just philosophers. Name the following scholars FTPE:

a) In his time, this 18th century author was better known for his *History of England* than for the empiricist ideas in his *Treatise of Human Nature*.

Answer: David **Hume**

b) With Charles S. Peirce he was a leading exponent of pragmatism, but his *Principles of Psychology* played a major role in advancing public awareness of that then-obscure field.

Answer: **William James** [prompt on James]

c) His *On the Birth of Tragedy* was an important work in both Greek studies and literary criticism, and was more widely accepted than such philosophical works as *Thus Spake Zarathustra* and *Beyond Good and Evil*.

Answer: Friedrich **Nietzsche**

18. Given a condition, give the most general class of quadrilaterals, all of whose members satisfy the condition, FTPE:

a) All four angles are equal

Answer: **rectangle**

b) Both pairs of opposite angles are congruent

Answer: **parallelogram**

c) The diagonals are perpendicular bisectors of each other

Answer: **rhombus**

19. Show off your knowledge of the founding of Islam by answering the following FTPE.

In 622 CE, the Prophet and his followers fled from Mecca to Medina, an event known by this Arabic name.

Answer: **Hegira**

The salat, or Muslim prayer, is now performed facing Mecca, but before 623 CE, toward what city did the faithful pray?

Answer: **Jerusalem**

Shi'ite Muslims differ from the Sunni because they believe this son-in-law of the prophet should have been first Caliph and that his descendants should have ascended to the title.

Answer: **Ali**

20. Answer the following about the frictional force FTPE:

a) Frictional force is given by the product of the coefficient of friction and this type of force.

Answer: **normal force**

b) This is the name given to the coefficient of friction when the object is at rest

Answer: coefficient of **static** friction

c) This is the name given to the coefficient of friction when the object is in motion.

Answer: coefficient of **kinetic** friction

21. Identify whether each of the following groups of words is an independent clause, dependent clause, prepositional phrase, or adverbial phrase, FTPE. (hint—one of these categories will not appear).

a) Before the race is won.

Answer: **dependent clause**

b) Behind the fourteen cases of watermelon.

Answer: **prepositional phrase**

c) Run!

Answer: **independent clause**