

Again, questions by the usual suspects with math help from Jason Carl Mueller, Univ. of Missouri

1. First published in 1969, one of the events it recounts is listening to a Joe Louis fight on the radio in the store owned by the author's grandmother in Stamps, Arkansas. Other incidents include her molestation and rape at the hands of Mr. Freeman, but also high points like her becoming the first black streetcar conductor in San Francisco. FTP name this first installment of a series of autobiographies, probably the best known work of Maya Angelou.

Answer: *I Know Why the Caged Bird Sings*

2. It contains over 12,000 known species, grouped into three classes: hirudineans, or leeches; polychaetes, or marine worms; and oligochaetes, which includes both freshwater worms and earthworms. The fundamental characteristic of this phylum is the division of the body into a linear series of metameres, or cylindrical segments. FTP name this phylum of soft-bodied, bilaterally symmetrical segmented worms.

Answer: **Annelida** or **annelids** [prompt on "segmented worms" before it's read]

3. She was born in 1987 in Houston, and when she turned six, decided to turn away from ballet towards acting. After a starring turn in "Casper meets Wendy", she got the lead role in the Disney series "Lizzie McGuire", which propelled her to national fame. A singing career followed simultaneously with her movie career, with hits like "So Yesterday" and "Come Clean". FTP, name this star of "A Cinderella Story".

Answer: Hilary **Duff**

4. Becoming a lawyer in 1760, this man first rose to fame for his defense in the "Parson's Cause" case. An outspoken opponent of ratification of the US Constitution, he served as the first elected governor of Virginia. Called the "forest-born Demosthenes," during an attack on the Stamp Act, he famously said, "If this be treason, make the most of it." Known for his fiery rhetoric, FTP name this legislator most famous for telling the House of Burgesses, "Give me liberty, or give me death."

Answer: Patrick **Henry**

5. The legendary story of its creation comes from the dubious Letter of Aristeas, which suggests that all the work was done on the island of Pharos in 72 days around 250 BCE. The Letter is accurate, however, in saying that the work was commissioned by Ptolemy II Philadelphus, who like most Egyptians, couldn't read Hebrew. Named for the apocryphal 72 Jewish scholars who supposedly did the translation, name this first Greek version of the Old Testament.

Answer: **Septuagint**

6. James Joyce's first published work was an essay in *The Fortnightly Review* of this author's last work. That play, about the sculptor Rubek and his wife and their eventual death in an avalanche, was called *When We Dead Awaken*. Earlier works include *Brand*, *Pillars of Society*, and *Peer Gynt*. FTP name this dramatist better known for *An Enemy of the People*, *A Doll's House*, and *Hedda Gabler*.

Answer: Henrik **Ibsen**

7. The son of a synagogue cantor, he moved to Paris at age 13 to study the cello. A successful theatrical promoter, he also wrote a number of operettas and other light comic works. A master composer of dance music, he popularized the can-can and wrote such works as *La Vie Parisienne*, *La Belle Helene*, *La Perichole* and *The Grand Duchess of Gerolstein*. FTP identify this composer whose best known works today are the operas *Orpheus in the Underworld* and *Tales of Hoffman*.

Answer: Jacques **Offenbach**

8. The Alentejo, or southern portion, of this nation features rolling lowlands and the Neves Corvo copper mine. A founding member of NATO, it ousted its last monarch, Manuel II, in 1910. Currently led by Jorge Sampaio, it is relatively poorer than most nations in the EU, though it can always fall back on its production of nearly 1/3 of the world's cork. Nearly bisected by the Tagus, FTP what is this nation with capital at Lisbon?

Answer: **Portugal**

9. The soil found in this biome is usually acidic and infertile, not allowing for much agricultural use. There is a short growing season of 3-5 months, in which larches, birches, and similar plant life thrive. Bogs form in depressions due to the shallow permafrost layer. FTP this describes what subarctic biome consisting mostly of evergreen trees?

Answer: taiga (acc. coniferous forest)

10. As director of some Caribbean colonies for the Dutch West India Company, he lost his leg while fighting the Portuguese in 1644, thereafter wearing a wooden prosthesis. In 1645 he took over the Company's interests in North America, and by 1650 had dislodged the Swedes from their settlement on the Delaware and had made peace with local tribes. FTP name this leader of New Amsterdam, who did gain possession of Manhattan island for the Dutch.

Answer: Peter **Stuyvesant**

11. Born in Lachine, Quebec, to Russian-Jewish immigrant parents, he attended college at Northwestern, his first acquaintance with the city in which he would live and set most of his works. His first novel was 1944's *Dangling Man*, and since then he has received acclaim for works like *Mr. Sammler's Planet*, *Seize the Day*, and *Humboldt's Gift*. FTP name this winner of the 1976 Nobel Prize for literature, author of *Ravelstein* and *Herzog*.

Answer: Saul Bellow

12. Pencil and paper ready. The three angles of a triangle are  $x$ ,  $2x$ , and  $3x + 30$ . FTP, and within 10 seconds, solve for  $x$ .

Answer:  $x = 25$  degrees

13. The female leads are Florence and Svetlana. One male character—with a Swedish accent—is called The Arbiter, while the other male leads are known simply as The Russian and The American. Romance and the tedium of competition are main themes, and the title game is used as a metaphor for the Cold War. Songs such as "I Know Him So Well" and "One Night in Bangkok" are central to, FTP, what 1984 musical composed by Benny Andersson, Bjorn Ulvaeus, and Tim Rice?

Answer: **Chess**

14. One explanation for the visions that occurred here came in July, 2001, when Italian archaeologists showed that a fault running beneath the temple showed traces of ethylene, which when inhaled can cause euphoria and giddiness. Plutarch, who served as a high priest there, specifically said that the Pythia would breathe deeply from the ground before making pronouncements. Originally dedicated to Gaea, but later to Apollo, FTP this is what site at which visitors came to hear about their futures in ancient Greece?

Answer: Oracle at Delphi (acc. reasonable variants, e.g., Delphic Oracle)

15. His only combat experience was directing a campaign against Chinese forces in Chahar in 1937. At various times he held the portfolios of Commerce and Industry, Education, Foreign Affairs, and Home Affairs concurrently with his tenure of Army Minister, which he held during most of his tenure as Prime Minister. He is now seen as an unimaginative bureaucrat of narrow vision who seriously underestimated U.S. resolve, but during World War II American media tried to paint him as an equivalent of Mussolini and Hitler. FTP name this Japanese general and Prime Minister, executed as a war criminal in 1948.

Answer: Hideki **Tojo**

16. The 1960 Nobel in Chemistry went to Willard Libby for developing the techniques that make this useful. It is constantly being created in Earth's atmosphere by the sun's rays striking nitrogen gas. It then combines with oxygen and in this form enters living organisms; however, when the organism dies, the resupply stops and the amount of this present begins to decay at a predictable rate. FTP name this isotope of a common element, valuable in the dating of organic materials.

Answer: **carbon-14** [prompt on just "carbon"; accept **radiocarbon** or **radioactive carbon** before "isotope," but after "isotope" prompt on those alternate answers]

17. When she was born in 1954 in Birmingham, Alabama, her schoolteacher mother named her after the Italian musical notation meaning to play "with sweetness." After serving under Brent Scowcroft in the office of the National Security Advisor, specializing in Russian studies, she was named provost at Stanford. In 1993, Chevron, on whose board she sat, named an oil tanker after her. Her connections to George Bush Senior through Scowcroft brought her to George W.'s attention before his 2000 election. FTP name this woman who currently serves as our National Security Advisor.

Answer: Condoleeza Rice

18. Much lighter than the muon and tauon, this charged lepton's antiparticle was predicted by Paul Dirac. George Thomson helped verify its wavelike nature, while his father demonstrated its particle nature and calculated its charge to mass ratio. Its charge was determined by the Millikan oil-drop experiment. FTP name this particle discovered by J.J. Thomson.

Answer: electron

19. Born to Protestant parents in Westphalia, he moved to Antwerp and became a Catholic, before moving to Italy as the court painter for the Duke of Mantua. Profoundly influenced by Titian, many of his works embrace pacifist themes, especially his 1629 "Allegory of Peace and War." Though his faith was the center of much of his artistic career, he is primarily known today for his portraits of Marie de Medici and the many scenes of his young wife Helen (who appears in The Garden of Love). FTP name this painter, whose most familiar association in most minds is his fondness for buxom women.

Answer: Peter Paul Rubens

20. During an exile spent in Syracuse, natives erected a statue honoring this poet's stay. Only one poem is thought to exist in full, usually called "The Hymn to Aphrodite." The rest, like "To Atthis," exist only in fragments. The adjectives derived from this poet's name and birthplace are seemingly belied by the unrequited love of Phaon that reputedly led her to leap from a cliff near Mytilene into the sea. FTP name this Greek poetess from the island of Lesbos.

Answer: Sappho

21. Its inventor eventually had to close down his Patent Arms Company in Paterson, New Jersey, due to a lack of interest in this invention. Prior to 1845, US army officials objected to its use of a percussion cap, arguing that it could fail in an emergency. However, its popularity among Texas frontiersmen who had joined the US military to fight in the Mexican-American war led Zachary Taylor to order a huge supply, leading its inventor to create a large factory in Hartford. With its most famous version perhaps being the 1873 Peacemaker, a six-shooter, FTP what is this first practical, revolving-cylinder handgun?

Answer: Colt revolver

22. As a boy apprenticed in a printer's shop, this author earned the nickname "Gravity" and "Serious," apropos of his later novels. In 1733 he wrote *The Apprentice's Vade Mecum*, urging young men like himself to be diligent and self-denying. These qualities were also depicted positively in his three novels, the last of which was *Sir Charles Grandison*. However, it is for his first two very long epistolary novels that he is remembered. FTP name this author of those banes of English majors' existence, *Clarissa* and *Pamela*.

Answer: Samuel Richardson

1. Name these tourist destinations in Georgia FTPE.

A. This island in the state's Southeast is connected to the mainland by its namesake causeway and is a favorite for watching nesting sea turtles.

Answer: **Jekyll Island**

B. Slightly northeast of Atlanta is this granite hill featuring sculptures of four giant Confederate figures.

Answer: **Stone Mountain**

C. This giant complex near Tifton comprises that town's founder's home as well as many re-creations of 19th-century Georgia life.

Answer: **Agrirama**

2. Given a vitamin deficiency, identify the vitamin lacking, FTPE.

(10) Pernicious anemia

Answer: **B12 or cobalamin**

(10) Pellagra

Answer: **B3 or niacin**

(10) Scurvy

Answer: **C or citric acid**

3. Every year we ask about the sad end to the Inca Empire, so let's get it over with FTPE.

A. Beginning in 1531 this Spanish leader took over all lands controlled by the Inca.

Answer: Francisco **Pizarro**

B. This leader of the Inca, who had recently had his brother Huascar murdered, converted to Christianity before his execution to change the method from burning to garroting. Wuss.

Answer: **Atahualpa**

C. Spanish forces destroyed this capital of the Inca, replacing it with Lima, now the capital of Peru.

Answer: **Cuzco**

4. FTPE answer the following about a particular author:

a) Proponent of "New Journalism," this author of *The Bonfire of the Vanities* gave us the phrases "radical chic" and the Me Generation."

Answer: Tom **Wolfe**

b) This Wolfe book, made into a movie, focused on the men behind the early years of the U.S. space program.

Answer: *The Right Stuff*

c) Wolfe's *The Electric Kool-Aid Acid Test* detailed the exploits of the "Merry Pranksters," a band of wandering hippies led by this man, himself the author of *One Flew Over the Cuckoo's Nest*.

Answer: Ken **Kesey**

5. Symphonies are frequently given names as well as numbers. FTPE what name is given to the following symphonies?

a. Beethoven's Symphony #6, opus 68, in F Major, written to suggest dreamy scenes of country life

Answer: **Pastoral** Symphony

b. Beethoven's Symphony #3, opus 55, in E-flat Major, written in honor of the Napoleonic Wars

Answer: **Eroica** Symphony

c. Beethoven's Symphony #9, opus 125, in D minor, which incorporated a musical element heretofore unknown in a symphony—the human voice

Answer: **Choral** Or **Chorale** Symphony



6. Name these attempts at utopian living in the US for ten points each.

A. This community of intellectuals near Boston is most famous now for having been ridiculed by former resident Nathaniel Hawthorne in *The Blithedale Romance*.

Answer: Brook Farm

B. Robert Owen created this model community in Indiana that succeeded socially but failed financially.

Answer: New Harmony

C. Near Hohenwald, TN, this hippie commune founded in 1971 remains open today, supported by a reputation for quality clothing and midwifery.

Answer: The Farm

7. Given some of their starting pitchers, name the major league baseball teams that made the 2004 postseason FTPE:

a) Curt Schilling, Pedro Martinez, and Tim Wakefield

Answer: Boston and/or Red Sox

b) Roger Clemens, Roy Oswalt, and some guy named Brandon Backe

Answer: Houston and/or Astros

c) Brad Radke, Carlos Silva, and Johan Santana

Answer: Minnesota and/or Twins

8. Identify the folks for whom these physics laws are named FTPE.

A. The loop rule, which says the sum of the potential differences encountered in a round trip of any closed loop in a circuit is zero, and the point rule, which says the sum of the currents toward a branch point is equal to the sum of the currents away from the same branch point.

Answer: G.R. Kirchoff

B. The further away a galaxy is from us, the faster it is receding from us.

Answer: Edwin Hubble

C. For a wavefront traveling through a boundary between two media, the angle of incidence  $\theta$  is related to the angle of refraction  $\phi$  by  $n_1 \sin \theta = n_2 \sin \phi$ .

Answer: Willebord Snell

9. FTPE answer the following about a particular religious movement:

a) Under Elijah Muhammad, it split in the 1930's from a similarly-named group founded by Wali Farad. The original group officially dissolved in 1985 to reunite with Islam worldwide, though a splinter group continues under this name.

Answer: The Lost-Found Nation of Islam [accept **Black Muslims**]

b) Once Elijah Muhammad's top deputy, this political activist left the Nation of Islam and converted to Sunni Islam before his assassination by Black Muslim loyalists in 1965.

Answer: Malcolm X [accept Malcolm Little]

c) This minister, controversial for remarks critical of Jews, restored some prominence to the Nation of Islam by organizing 1995's Million Man March.

Answer: Louis Farrakhan

10. Answer the following about that nutty Don Quixote FTPE.

A. Though she never appears in the novel, this is Quixote's lady love, really a simple peasant girl.

Answer: Dulcinea del Toboso [accept Aldonza]

B. Named only by his profession, this is Quixote's friend who warns Quixote not to follow his knightly whims. It is this man's basin that Quixote wears on his head.

Answer: The Barber

C. This is Quixote's faithful companion, who rides the donkey Dapple.

Answer: Sancho Panza

11. Answer the following about a certain war FTPE.

A. Lasting from 1700-1721, what conflict pitted Sweden against Russia?

Answer: Great Northern War

B. This Swedish military king led his forces against Russia.

Answer: Charles XII

C. This Russian king faced off against Charles XII in the Great Northern War.

Answer: Peter I (or the Great)

12. Some Greek letters have multiple meanings in science. Give the letter associated with the following FTPE:

a) It can symbolize permeability, a friction coefficient, magnetic moment of a particle, or just a micron.

Answer: **mu**

b) This can represent thermal conductivity, a decay constant, or wavelength.

Answer: **lambda**

c) Besides its namesake particle, this letter can stand for ohms.

Answer: **omega** [figures we'd save that one for last, doesn't it?]

13. Name these German novels from a brief description for 15 pts each, or from the author for 10.

A. (15) Paul Balmer dies at the end of this novel about WWI.

(10) Erich Maria Remarque

Answer: All Quiet on the Western Front

B. (15) Hans Castorp visits his cousin in a sanitarium and stays for seven years.

(10) Thomas Mann

Answer: The Magic Mountain

14. Halloween's coming up, and you know what that means! Gorging yourself 'til you puke! We'll describe a Halloween favorite, and you name it FTPE.

Peanut butter and molasses chews, wrapped in a bright yellow wrapper

Answer: **Mary Janes**

Sugar, water, and corn syrup mix together to make this treat, sometimes seen as pumpkins.

Answer: **Candy Corn**

The greatest of all Halloween candies, this is the proper name for the tiny versions of Snickers and Baby Ruth bars.

Answer: **Fun Size**

15. It was the world's first billion dollar corporation. FTPE:

A. What was this giant trust created in 1901 that built the city of Gary, Indiana, to become its main center of production?

Answer: **U.S. Steel**

B. This financier brokered the deal that created U.S. Steel.

Answer: J. P. **Morgan**

C. This Scottish-born steel magnate sold his concerns to Morgan, using the money to fund many philanthropic ventures.

Answer: Andrew **Carnegie**

16. Given a function, tell whether it is odd, even, or neither FTPE:

[10]  $y$  equals  $x$  cubed minus six  $x$  squared plus twelve  $x$  plus 8

Answer: **odd**

[10]  $y$  equals exponential of  $x$  plus exponential of negative  $x$

Answer: **even**

[10]  $y$  equals exponential of  $x$  minus exponential of negative  $x$

Answer: **odd**

17. Identify these orders of insects, each of which has over 50,000 known members, for ten points each.

A. The name means "membrane wing" and it includes insects with four membranous wings, such as bees, wasps, and certain ants.

Answer: **Hymenoptera**

B. Their large wings are covered with scales. They include butterflies and moths.

Answer: **Lepidoptera**

C. The name means "two wings" and it includes flies, gnats and mosquitoes.

Answer: **Diptera**

18. Identify the poet from poems on a 30-20-10 basis.

(30) *The Masque of Anarchy*, *The Sensitive Plant*

(20) *Ode to Liberty*, *Mont Blanc*

(10) *Ozymandias*, *Prometheus Unbound*

Answer: **Percy Bysshe Shelley**

19. Stuff about an important American architect FTPE.

A. This architect was Frank Lloyd Wright's boss in 1888 and was known for his maxim "Form follows function."

Answer: **Louis Sullivan**

B. Sullivan exemplified this school of architecture which greatly influenced Wright's Prairie School and which was named for the city for which he designed the Carson, Pirie, Scott building.

Answer: **Chicago School**

C. Perhaps Sullivan's most famous design is this 1890 steel-frame building in St. Louis.

Answer: **Wainwright Building**

20. Answer the following about a dust-up on the Greek side during the Trojan War FTPE.

A. This Greek warrior withdrew to his tent when Agamemnon demanded his Trojan prize woman.

Answer: **Achilles**

B. This was the maid whom Agamemnon demanded from Achilles.

Answer: **Briseis**

C. Achilles was only convinced to return to the fray after this friend and valet of his was killed.

Answer: **Patroclus**

21. Pikmin! Pikmin everywhere! They're hunting me in my dreams! AAAA! FTSNOP, answer these questions about everyone's favorite plant-based Nintendo Gamecube game.

FTP, name the three original colors of Pikmin.

Answer: **Red, Yellow, Blue**

FFPE, give us the two new colors of Pikmin, premiering in Pikmin 2.

Answer: **Purple and White**

FTP, give us the name of the hero of both Pikmin games.

Answer: **Captain Olimar**