

1. A teammate of Jim Mora at Occidental College, he was drafted in 1957 by the Detroit Lions but had little success in the NFL. But he became a standout as one of only twenty people to play for in the AFL throughout its ten-year existence, primarily with the Buffalo Bills. He co-founded the AFL Players Association and served as its President before 1970, when he was elected to the U.S House. An unsuccessful candidate for the G.O.P. Presidential nomination in 1988, he was the first President Bush's only Secretary of Housing and Urban Development. FTP identify this conservative politician who was Bob Dole's running mate in 1996.

Answer: Jack Kemp

2. It and its companion pieces, including *Death in the Sick Room*, *Rose and Amelie*, *Anxiety*, and *Vampire*, were exhibited at the Secessionist exhibition in 1902, the first to include the artist's entire *Frieze of Life* series. This work was originally titled *Despair*, and that is now what authorities at the artist's namesake Museum may have felt after a theft in August 2004. Another one of its four copies was stolen in February 1994 and held for ransom, only to be recovered in a sting three months later. For 10 points, name this pop-culture icon and most famous work of Edvard Munch.

Answer: The Scream (or The Cry, or if they're really showing off, Skrik)

3. William Faulkner considered this man to be the second-best writer of the Lost Generation. He started out aiming to become a playwright and became closely associated with the noted theatrical designer Aline Bernstein, who appears in his novels as "Esther Jack." He contracted tuberculosis and died at age 38 after completing only two novels; two more, *The Web and the Rock* and *You Can't Go Home Again*, were assembled posthumously. For 10 points, name this author of *Of Time and the River* and *Look Homeward, Angel*.

Answer: Thomas Wolfe

4. Well-known examples include the cuprate perovskites and magnesium diboride. It was the subject of the 1913 Nobel Prize in physics, which was awarded to discoverer Heike Onnes for his investigations into the resistivity of mercury at extremely low temperatures. These materials have the interesting ability to repel magnetic fields through the Meissner effect. FTP, what type of substance that has found use in the Large Hadron Collider has zero electrical resistance?

Answer: superconductor

5. Headquartered in Brooklyn, New York, proponents of this faith reject the Holy Trinity and hold the belief that wicked souls are annihilated after death, select souls go to heaven and most enjoy an earthly paradise for all eternity. Founded by Charles Russell, the faith sponsors two famous publications, *Awake!* and the *Watchtower*, and its members meet regularly in Kingdom Halls. For 10 points, name this religion, whose members refuse to accept blood transfusions or celebrate certain holidays.

Answer: Jehovah's Witnesses [accept Watchtower Bible and Tract Society; prompt on just Watchtower]

6. This primary aromatic amine with formula $C_6H_5NH_2$ has uses ranging from the production of drugs such as Tylenol, to the production of polyurethanes. It can be synthesized from benzene by first nitrating and then reducing the added nitrate group. For 10 points, give the name of the starting product used by Sir William Perkin to produce Mauveine, the first synthetic dye.

Answer: Aniline

7. After fleeing the Nazis, he settled in the U.S. and became a professor of music at USC, then at UCLA. Along with such non-unique titles as Violin Concerto, Piano Concerto, and Serenade, his works included *Ode to Napoleon*, *A Survivor from Warsaw*, *Verklarte Nacht*, and one opera left unfinished, *Moses und Aron*. FTP name this composer of the song cycle *Pierrot Lunaire*, one of the first to embrace atonal motivic development with his twelve-tone serial technique.

Answer: Arnold Schoenberg

8. One of this novel's protagonists, Bianca, fell in love with Pedro Tercero, a peasant who worked for her father, Esteban. Bianca and Pedro's daughter Alba writes the novel based on of the writings of her grandmother Clara, who wrote about her life and the lives of those around her from the age of ten. Beginning and ending with the phrase "Barrabas came to us from the sea", FTP, name this debut novel of Isabel Allende [*eye-YEN-day*].

Answer: The House of [the] Spirits (or La Casa de los Espiritus.)

9. Graduating *magna cum laude* from Harvard in American History and Literature, he moved to Los Angeles and found work acting in infomercials and writing for HBO's *Not Necessarily the News*. He was working on stage in Chicago when Lorne Michaels picked him up to write for *Saturday Night Live*, where he also occasionally appeared in skits. After 3 ½ years writing there and then for "The Simpsons," Michaels gave him his own talk show. For 10 points, name this TV personality who will take Jay Leno's timeslot in 2009.

Answer: Conan O'Brien

10. Using signal data gathered from a hastily rigged interferometer fed into a computer called ILLIAC, the UIUC Astronomy Department calculated its orbit within two days. Its designer was posthumously revealed to be Sergei Korolyev. Spherical in shape and nitrogen filled, it weighed 184 pounds and had two transmitters; it remained in orbit for three weeks before disintegrating upon reentry. With a name roughly translating as "travel companion," FTP identify this pioneering artificial satellite launched on Oct. 4th, 1957.

Answer: Sputnik 1 [yes, prompt on Sputnik – there were lots more]

11. This son of a Congressman was expelled from Yale for pulling a series of pranks, including blowing up a classmate's door. His first novel was an imitation of Jane Austen novels titled *Precaution*; he also wrote several naval books including *The Two Admirals*, *The Red Rover*, and *The Pilot*. Key supporting characters in his most famous series of books include Dr. Bat, Hard Heart, Alice and Cora Munro, and Magua. FTP name this creator of Chingachgook and Natty Bumppo and author of *Last of the Mohicans*.

Answer: James Fenimore Cooper

12. (CS) It is arranged around the artificial Lake Burley Griffin and ringed by such suburbs as Bradden, Acton, Deakin, and Tuggeragong. Lonely Planet says its nightlife is much livelier than widely thought, but fellow Australians usually consider this "a city without a soul." Nearby Yarralumla actually contains the residences of the Governor-General and Prime Minister, but most government offices are in the well-planned Parliamentary Triangle. FTP name this city in New South Wales, the capital of Australia.

Answer: Canberra

13. He is sometimes erroneously thought to be the namesake of the huge World War II battleship, sister ship to the Yamato, which was named for a former province of the same name. Legend has it that he fought in the battle of Sekigahara as a mercenary for Toyotomi Hideyori, while other sources say he later fought for the rival Tokugawa family. His Buddhist upbringing is reflected in the philosophical side of his texts, more noted for their ideas on strategy and swordsmanship. For 10 points, name this legendary Japanese swordsman and author of *The Book of Five Rings*.

Answer: Miyamoto Musashi (grudgingly accept Miyamoto Bennosuke)

14. There is a less severe strain in the Americas, also known as Chagas disease and caused by the species *cruzi*, which if left untreated may result in serious complications decades later. Often treated with eflornithine or pentamidine, this disease is characterized by fever, headaches, joint pain, mental confusion and insomnia. It is caused by protozoa of the species *brucei*; two subspecies, *gambiense* and *rhodesiense*, respectively cause the West and East African varieties. FTP, name this disease typically caused when its namesake genus of protozoa is transferred to humans by the tsetse fly.

Answer: African trypanosomiasis (Accept African Sleeping Sickness.)

15. (OU) It declared its independence in 1811 under the leadership of José Gervasio Artigas, but it was quickly annexed by Brazil. After Dom Pedro I declared Brazil's independence, it reversed course, rejoining the United Provinces of the River Plate and sparking the Argentina-Brazil War. The ensuing treaty, brokered by the British, brought full independence. FTP, name this South American country with its capital at Montevideo.

Answer: Uruguay

16. She was the daughter of Numitor of Alba Longa. Perhaps the most famous Vestal Virgin, she was raped by Mars and buried under a street as her punishment. However, her children later went on to avenge her by killing the uncle who had enforced the punishment; they had been saved from death by her servant setting them adrift down the Tiber river. For 10 points, name this mother of twins Romulus and Remus.

Answer: Rhea Sylvia

17. Domenico Scarlatti and Franco Faccio are among the composers who have used this as the basis for an opera. In the opening scene, the titular character is called home from Wittenburg University. The so-called “Bad Folio” substituted “There’s the point” for a more familiar line in Act Three, Scene One, wherein the hero contemplates suicide, wondering if it is preferable to suffer “outrageous fortune” or to take action against “a sea of troubles” and stop them. For 10 points, name the character and you’ve named this play fraught with regicide, Shakespeare’s longest play.

Answer: *The Tragedy of Hamlet, Prince of Denmark*

18. After suffering religious persecution during early campaigns, and after enduring the indifference of U.S. Army officers towards the desecration of Catholic churches and rape of Catholic women, they switched sides and fought for the Mexicans as an artillery battery at the Battles of Monterrey, Churubusco, and Mexico City. For 10 points, identify this group of soldiers commanded by Major John Riley and named for their predominately Irish heritage, who were executed en masse during the battle of Chapultepec.

Answer: Saint Patrick’s Battalion (Accept equivalent Spanish-language answers.)

19. Its members included Alan Scott, John Stewart, Kyle Rayner, Guy Gardner, and Hal Jordan. Each member wielded a power ring to help protect the universe from evil. For 10 points, give the name of the DC superhero corps that fought against the fallen corpsman, Sinestro of Korugar.

Answer: Green Lantern Corps

20. The material essential to this process was discovered in 1940 by Martin Kamen and Sam Ruben. Accelerator-based mass spectrometric techniques have improved its accuracy for small samples, supplanting the earlier gas proportional counting and liquid scintillation counting methods. It uses 1950 as a benchmark, which was one year after the technique was discovered by future Nobel winner Willard Libby. Using concentrations of an isotope formed mostly from reaction of cosmic rays with nitrogen-14, FTP, name this technique for establishing chronology in organic materials.

Answer: Carbon-14 dating or Radiocarbon dating

21. (OU) Works by thinkers such as Thomas Hobbes and Thomas Malthus were important precursors to this idea, especially Malthus’ *Essay on a Principal of Population*. A number of American businessmen did not follow it, because of its anti-philanthropic implications, but it was prevalent in the writings of Jack London and thinkers such as John Fiske and William Graham Sumner. FTP, what is this social theory, first developed by Herbert Spencer, which suggests that the theory of evolution applies to cultural institutions and human abilities, behaviors, and attitudes?

Answer: Social Darwinism

22. It is formed by mixing a copper (II) (*Say: copper-two*) sulfate solution with a solution of both Rochelle salt and sodium hydroxide. Since it gives a red precipitate in the presence of oxidizing sugars, it can be used to detect glucose in the urine, a sign of diabetes. FTP give the name of this qualitative reagent that has been replaced by the more quantitative Benedict’s reagent.

Answer: Fehling’s solution or Fehling’s reagent. (Pronunciation: *f^l lingz*)

23. (OU) At its center is the Great Attractor, a large gravitational anomaly 250 million light years from the Milky Way. It is estimated to have a mass of approximately 10^{15} solar masses, much of which is believed to be dark matter. Its namesake cluster is located near the center, along with the Norma Cluster, and the Local Group is located near the edge of, FTP, what large conglomeration of galaxies, which shares its name with a constellation and sign of the Zodiac.

Answer: Virgo Supercluster or Local Supercluster

1. For 10 points each, identify these works by William Faulkner from clues about their narrators. The decline of the Compson family is told through the brothers Benjy, Quentin and Jason, and finally through their servant Dilsey.

Answer: **The Sound and the Fury**

Thomas Sutpen's life is told first by Rosa Coldfield, leading to Quentin Compson, Quentin's father and then his roommate, Shrevlin.

Answer: **Absalom, Absalom!**

An anonymous narrator describes the eccentric titular character and the horrible secret upstairs, the rotting, stinking corpse of Homer Barron.

Answer: **A Rose for Emily**

2. Identify these terms and concepts relating to rotational motion for 10 points each.

This law explains why a gyroscope attempts to maintain the axis of rotation with which it began spinning.

Answer: law of **Conservation of Angular Momentum** (can't accept law of Conservation of Momentum.)

This quantity is to rotational motion as mass is to translational motion.

Answer: Mass **Moment of Inertia** (Prompt on: Angular Mass)

The moment of inertia multiplied by the angular acceleration gives this quantity, represented by tau and sometimes measured in foot-pounds.

Answer: **Torque**

3. For the stated number of points, identify these shows found on the [adult swim] lineup.

F5PE, these two cartoons were originally cancelled by FOX, only to find life heading up the [adult swim] lineup.

Answer: **Futurama** and **Family Guy**

For 10 points, this show features Carl and his next-door neighbors – the makings of a fast-food meal who purport to “make the homies say ho and the girlies wanna scream.”

Answer: **Aqua Teen Hunger Force**

For 10 points, this show based on the comic strip by Aaron McGruder is not without controversy, but it was nominated as Outstanding Comedy Series in January 2006 at the NAACP Image Awards.

Answer: The **Boondocks**

4. (CS) FTPE, given a totally unrelated event elsewhere in the world, name the British (or English) monarch at that time:

a) The Second Defenestration of Prague

Answer: **James I**

b) The Russo-Japanese War

Answer: **Edward VII**

c) Columbus's first voyage to America

Answer: **Henry VII**

5. Give the number of the Beethoven symphony from names for 10 points each.

Eroica

Answer: **Three** (Accept **Third** Symphony.)

Pastoral

Answer: **Six** (Accept **Sixth** Symphony.)

the “apotheosis of the dance” according to Richard Wagner

Answer: **Seven** (Accept **Seventh** Symphony.)

6. Here is proof that a “trilogy” need not have three parts. 5 for one, 10 for two, 20 for 3 and 30 for all four, identify the books that follow “The Hitchhiker’s Guide to the Galaxy” in Douglas Adams’s “trilogy.”

Answers: **The Restaurant at the End of the Universe**

Life, the Universe, and Everything

So Long, and Thanks for All the Fish

Mostly Harmless

7. Answer these questions about the Labyrinth of Greek myth for the stated number of points.

(5/5/5) For 5 points each, who ordered the Labyrinth's construction, for whom was it built to imprison, and who actually built it?

Answer: King Minos, the Minotaur, Daedalus

(5) Who entered the Labyrinth under the pretense of being one of those annually sacrificed to the Minotaur with the aim of killing the beast?

Answer: Theseus

(10) Who helped Theseus by giving him a magic sword to kill the Minotaur, and gave him a ball of yarn that he could use to retrace his steps through the Labyrinth?

Answer: Ariadne

8. Answer these questions about an early World War I battle FTPE:

(10) This attack devised by the Chief of the German Imperial General Staff called for the capture of Paris in little more than a month's time, and in a manner that completely disregarded the neutrality of Belgium and Luxembourg

Answer: von Schlieffen Plan

(10) Halting the Schlieffen Plan was this French/British counterattack of one million men resulting in over a half million casualties for both sides.

Answer: 1st Battle of the Marne

(10) This British Field Marshal initially attempted to withdraw his British Expeditionary Force, but was ordered by his superiors to remain in the battle, and eventually exploited a gap between two German army positions sealing victory at the 1st Battle of the Marne.

Answer: Sir John French

9. Give the chemical formula of these mineral acids for 10 points each.

Nitric Acid

Answer: HNO₃

Sulfuric Acid

Answer: H₂SO₄

Boric Acid

Answer: H₃BO₃ or B(OH)₃

10. For 10 points each, answer these questions about record-holding rivers – none of which is the Nile.

This other long river holds the record for greatest river flow, with two-thirds of the total flowing water in the world.

Answer: Amazon River

This Asian river is the largest in the world ever to have dried up.

Answer: Yellow River

The river in Ireland is the fastest flowing river in the world.

Answer: Foyle River

11. Identify these Edgar Allen Poe stories from crib notes for 10 points each.

A fictional barrel of wine is the center of the story.

Answer: The Cask of Amontillado

Prince Prospero is visited by "a thief in the night."

Answer: The Masque of the Red Death

William Legrand searches Sullivan's Island for a fortune.

Answer: The Gold Bug

12. FTSNOP, identify these works that are supposedly involved in the mystery in Dan Brown's *The Da Vinci Code*.

(5) The book claims that this work expresses Da Vinci's belief in the "sacred feminine" as well as a union of masculine and feminine principles based on the features on the sitting model.

Answer: Mona Lisa

(10) Supposedly the person sitting to the right of Jesus is not John but rather Mary Magdalene, pregnant with their child.

Answer: The Last Supper

For 15 points, Brown claims that an earlier version of this work features Jesus praying to John instead of the other way around. The only considerable difference between the two versions is that Uriel only points in one copy of this painting.

Answer: Virgin of the Rocks or Madonna of the Rocks

13. There's a Chinese laundry joke here somewhere. Identify these rebellions from Chinese history FTPE: This Daoist rebellion of 2nd Century China resulted from a combination of famine, joblessness, and high taxation. Suppressing the rebellion set off a chain of events that led to the collapse of the Han Dynasty.

Answer: **Yellow Turban** Rebellion (Accept **Yellow Scarves** Rebellion.)

It opposed the Yuan dynasty starting 1352, chafing at the continued exclusion of ethnic Chinese from positions of high authority. It culminated in 1387 when its leader Zhu Yuanzhang (*joo you-an-john*) took the name Hong-wu as the first emperor of the new Ming dynasty.

Answer: **Red Turban** Rebellion (Accept **White Lotus** Rebellion, an alternate name that also names a more famous Ch'ing dynasty revolt.)

With the tacit encouragement of the Dowager Empress Tzu Hsi [*tzoo shee*], the secret society I Ho Ch'uan or Fist of Righteous Harmony sought to expel foreigners and their Chinese allies.

Answer: **Boxer** Rebellion

14. FTSNOP, answer the following about deadly maladies.

(10) Name this type of mutated protein which, in humans, can cause an array of deadly diseases.

Answer: **Prion**

(10) Give the scientifically accepted name for "Mad Cow Disease", a brain-deteriorating disease whose cause is attributed to prions. If you can just give the acronym, we'll give you 5 pts.

Answer: **bovine spongiform encephalopathy** (5 pts. for **BSE**)

(10) This disease is currently only carried by 28 families; however, the onset of it is a certain precursor to death. The chronic inability to sleep leads to the death of its victims 7 to 24 months after onset.

Answer: **Fatal Familial Insomnia**

15. Answer these questions about Scientology for 10 points each.

This term describes the secular predecessor to Scientology's "religious" practices. It is still practiced by the Church of Scientology.

Answer: **Dianetics**

In Scientology and Dianetics, this name is given to a person who is trained in the process of freeing others from past negative influences.

Answer: **auditor**

Give either of the terms for the negative influences removed by an auditor. They differ in the manner in which they were placed in the consciousness

Answer: **engram** or **implant**

16. For 10 points each, expand the acronym to identify video game related phrases.

FPS games such as Half-Life and Halo are described as such based on the game's point of view.

Answer: **First Person Shooter**

MMOPRGs such as World of Warcraft, EverQuest, and Star Wars Galaxies tend to be very addictive.

Answer: **Massive(ly) Multiplayer Online Role-Playing Game**

The Playstation Portable uses the UMD format to play games and movies.

Answer: **Universal Media Disc**

17. Identify these poisons for 10 points each.

The salts of this ion are mixed with sulfuric acid to release the protonated gas in gas chambers. Found in the pits of many fruits, it is why your mother told you not to eat apple seeds.

Answer: **Cyanide**

This cyclic hydrocarbon with formula C_6H_6 is classified by the US Department of Health and Human Services as a carcinogen. It attacks the blood marrow, causing acute myeloid leukemia.

Answer: **Benzene**

This neurotoxin was discovered in Germany in 1938 by Schrader, Ambros, Rüdiger and Van der Linde. It has formula $C_4H_{10}FO_2P$ and was introduced into the Tokyo subways on March 20, 1995.

Answer: **Sarin** or **GB** or **O-Isopropyl methylphosphonofluoridate**

18. (VT B/CS) Reduce, reuse, recycle. FTPE, answer the following about cabinet members of the Nixon Administration

Nixon's first Secretary of State had previously served as Attorney General under Eisenhower. His second Secretary of State remained in that position into the Ford administration. Name either FTP.

Answer: either William P. Rogers or Henry A. Kissinger

He was Secretary of Health, Education and welfare till early 1973, when Nixon named him Secretary of Defense. In mid-1973 Nixon switched him to Attorney General, but he resigned as part of the "Saturday Night Massacre." He resurfaced as Ford's Secretary of Commerce, becoming to date the only person to head 4 different Cabinet departments.

Answer: Elliot Richardson

This man was Secretary of Labor, then Treasury under Nixon. He also served Reagan as Secretary of State, 1982 to 1989.

Answer: George P. Shultz

19. (OU) Often bawdy and always satirical, Aristophanes is one of the greatest comedians in history. F10PE:

A. In this play, the women of Athens, under the cover of the title religious festival, are plotting to exact revenge against the playwright Euripides for his constantly negative portrayal of women.

Answer: Thesmophoriazousai or *The Festival Women* or *Women Celebrating the Thesmophoria*

B. This play features Chremylos, a virtuous but poor man, seeking to better his lot by coaxing the god of wealth to his house and attempting to restore the god's sight.

Answer: Plutus

C. This play features Dikaiopolis, who opens his house as a free trade zone within Athens, arguing against the Peloponnesian War, holding a bucket of charcoal hostage to prevent the attack of the title chorus, and having an argument with Lamachus, a thinly disguised parody of the general Cleon.

Answer: Acharneis or *The Acharnians*

20. For 10 points each, name the type of childhood attachment described.

Children with this type of attachment are generally able to be well adjusted. The parent figures meet the child's needs and are responsive to the child.

Answer: Secure attachment

Children with this type of attachment tend to have little if any meaningful interaction with their parental figures.

Answer: Anxious-avoidant

Children with this type of attachment have their needs unmet. They often have a tendency to become backseat to other more pressing issues. The child sees communication as ineffective.

Answer: Anxious-ambivalent

21. Identify the author from works, 30-20-10.

(30) *History of Britain, L'Allegro*

(20) *Areopagitica, Lycidas*

(10) *Paradise Lost, Paradise Regained*

Answer: John Milton

22. For 10 points each, identify these Valar of Tolkien lore.

The King of the Valar, he freed Melkor from the Halls of Mandos.

Answer: Manwë Súlimo (Say: **man-weh soo-lee-moh**)

The creator of the dwarves, he was the smith who made the chain to bind Melkor.

Answer: Aulë (Say: **ow-leh**)

The protector of flora and fauna, she created the Ents.

Answer: Yavanna

23. Answer these questions about the Punic Wars for 10 points each.

The First Punic War was begun in a dispute over which territory?

Answer: Sicily

The Second Punic War began when Hannibal reportedly crossed this river in Hispania, violating the treaty that ended the First Punic War.

Answer: The Ebro River

The Third Punic War was incited by this senator's speeches, responses to the resurging prosperity in Carthage.

Answer: Cato the Elder (Accept Cato the Censor or Cato the Major.)