

TOSSUPS

1. The nephew of Otto of Freising, he was crowned King of the Germans in 1154. Refusing to nominally act as a servant to Pope Adrian IV, he eventually declared an Anti-Pope and destroyed Milan in 1162. These actions brought the Lombard League together to defeat him at Legano in 1176. He turned the crises at Bescanson into a twenty year feud with the papacy before asking its forgiveness. FTP who was this Holy Roman Emperor who drowned on the third crusade.

Frederick Barbarossa or Frederick the First

2. This cluster of nuclei deep within the white matter of the brain is one of the three essential components of each hemisphere of the brain. They are important centers for the motor coordination, acting as switches for impulses from the other motor systems. If they become damaged, motor impulses will no longer be sent to the muscles. Parkinson's disease occurs when FTP degenerated cells enter these clusters.

Basal Ganglia

3. According to its teachings, the universe operates according to certain supremely powerful principles. Followers of this tradition believe there is a significance in every thing people do in everyday life. One of the essential truths states that there is no more profound potent or potentially spiritual conduit for the expression of our desire than sex. In ancient times people who tried to study this tradition were rumored to have gone mad if they were not known to be wise. FTP name this sect of Judaism whose book of teaching and wisdom is known as the Zohar (Zo-hawr).

Kabbalah or Kaballists (caw-baw-law)

4. Matsya was involved in saving Satydvrate from a flood akin to Noah's ark. Kurma appeared while the gods churned the sea for the divine ambrosia. Narasinha, saved the world from a monarch endowed by the gods, while Varaha saved Earth from a second flood by fishing it out of the sea on its tusks. FTP name these godly forms, the most famous of which are Rama and Krishna.

Avatars of Vishnu (prompt on early Vishnu)

5. This native of Warwickshire was accused of committing a number of criminal acts including extortion, escaping from prison, twice plundering the Abbey of Coombe, and rape. He pleaded innocent, of course, and bought respectability in the form of a knighthood. Nevertheless, he spent most of his late life in prison where he had plenty of

time to contact William Caxton and read trashy French romance novels. It was Caxton who gave his most famous work a misleading title, since the title event doesn't occur until the 21st book. FTP, name this man who author of Morte D'Arthur.

Sir Thomas Malory

6. Started in 1940, this operation helped set up America's first assassination of a foreign military leader. Its greatest success hinged on determining the meaning of the two letters A F. When Nimitz transmitted a false message claiming a garrison was out of water, a message sent by the Japanese 2 days later confirmed the suspected meaning, leading to American victory at Midway. Designed to counteract the Japanese "Purple", FTP name this codebreaking operation.

Magic

7. Samuel Johnson credited it with being "the only book to make me arise two hours before I wished." This treatise offers encyclopedic detail about the nature of one of the most ubiquitous maladies in human history. Amidst this detail, it offers plenty of pragmatic advice, like "Be not idle" and closes with "Farewell, and be kind." First published in 1621, it went through five augmented editions before its author's death in 1640. It, as its title suggests, offers a clear, logical dissection of the humor caused by an excess of black bile in one's system. FTP, name this book written by Democritus Junior, also known as Robert Burton.

---The Anatomy of Melancholy

8. The name's the same. One indirectly saved Holland from invasion during World I via his modifications to the Schlieffen plan while head of the German General Staff at the beginning of World War I, only to be sacked by 1914 when his plan failed miserably. The other was made a count by William I after the fall of Metz and pioneered the use of railroads for mobilization during the Franco Prussian War. FTP what name is shared by the uncle-nephew duo?

Helmuth von Moltke

9. Long John Silver was based in part on this poet who later became estranged from Stevenson and wrote a scandalous debunking 10 years after the author's death. He was sick for most of his life, and his most famous work was written while bedridden as one of the first patients of Joseph Lister. More recently, he has come under scrutiny as the author of a poem favored by Timothy McVeigh. FTP, name this English poet who is best remembered for the line "I am the master of my fate, I am the captain of my soul" from his poem, "Invictus." **William Ernest Henley**

10. Methane, Ammonia, Hydrogen, and Water were placed in a closed system. An electric current was then run through to simulate lightning storms. After one week, chromatographic analysis showed that over 10 percent of the carbon was in the form of organic compounds, and 2 percent had already formed amino acids. Recently critics have claimed, however, that the compounds used were not as accurate a depiction of the early atmosphere of earth as was thought in 1953. FTP what is this experiment, named for the two scientists at the University of Chicago who performed it?

Answer: **Miller-Urey experiment** (accept either order, prompt on early mention of one scientist of the other)

11. Once, after this man left a dinner party, he told his hostess, "I apologize if over the course of the evening I failed to insult any of your guests." Not known for his personal charm, he was also shunned by the critics of his age for continuing to write classically melodic music in contrast to the dramatic, operatic tastes of the later 1800s. His four symphonies, violin concerto and numerous chamber pieces have remained staples of the classical music canon. FTP, name this German composer who is also known for such works as "Academic Festival Overture," "Tragic Overture," "German Requiem," and the Hungarian Dances sequence. **Johannes Brahms**

12. It begins with a selection from the Satyricon of Petronious and features fragmented bits of a Wagner opera, lines from the Upanisads, and lines taken directly from various English and French poets. In fact, its fourth part is actually nothing but a translation of an old French poem. Some read it as a metaphorical passage through hell while others read it as an elaborate social commentary. Later in his life, its author dismissed it, claiming that it was "A personal and wholly insignificant grouse against life; it's just a piece of rhythmic grumbling." FTP, give the title of this 1922 poem whose parts include "A Game of Chess" and "The Burial of the Dead"

**"The Waste Land"**

13. During his life he was often simultaneously credited with being a cranky bachelor and the unofficial poet laureate of England. He spent much of his adult life working as a librarian at Hull. He published a good deal of commentary on poetry and jazz, and his lifelong journal of 19 volumes was destroyed shortly after he died in 1985. However, he is best known for his four slim collections of poetry during his lifetime. Written with wit, rhyme, and an off-kilter meter, poems like "This Be the Verse," "Aubade," "Church-going," and "Toads" went on to become classics. FTP, name this author of "The Less Deceived," "High Windows," and "The Whitsun Weddings"

---Philip **Larkin**

14. As a member of the French Chamber of Deputies, this man campaigned for decentralization of government, among other reforms. He ascended to the vice presidency of the French National Assembly in 1849. He traveled to America in 1825 and stayed

until 1830 to study the society and what he called “mores,” which defined as, among other things, “habits of the heart.” After years of writing he published one of the most influential works in sociology. FTP, name this famous Frenchman who, in 1832, published Democracy in America. **Alexis de Tocqueville**

15. It can be proved by taking Fourier transforms and examining convergence of the characteristic functions, though it fails for distributions like the Cauchy distribution where the variance is either 0 or infinite. Although it does hold for Poisson distributions, convergence is slow because the mean is not large relative to the variance. It is most useful in the case of binomial distributions with probability close to one half, and the resulting Z test is a staple of hypothesis testing. FTP name this theorem of statistics which state that the sum of a large number of independent identically distributed random variables tends to a normal distribution.

**Central Limit Theorem**

16) He became the subject of a running joke during the Academy Awards, and suffered many comparisons to Susan Lucci before finally winning the little gold statuette in 2002. He has composed the soundtracks for over 20 films, but he has written far more singles both for movies and commercial radio hits. FTP name name this composer of hits for Meet the Parents and Toy Story.

**Randy Newman**

17) 27 years ago, this New York City night-spot was founded by Hilly Kristal. It was originally supposed to have country bluegrass b acts but it became famous for giving many famous rock bands their first gig, including Blondie, The Ramones, and The Police. FTP, name this place that is considered the Birthplace of Punk Rock.

**CBGB**

18. A relative of Harriet Beecher Stowe, she helped support her new family after marriage by becoming a governess. During this time she became increasingly more aware of the injustices inflicted on women, and this awareness would eventually lead her into a career as a writer and women’s rights activist. In what is perhaps her most famous short story, she portrays a women’s realization of how she is being controlled by a patriarchal society and rapidly slips into a complete mental breakdown. FTP, name this author of “The Yellow Wallpaper.”

**Charlotte Perkins Gilman**

19) He became Privatdozent at the University of Munich, was Acting Assistant Professor at the University of Tübingen, but lost this position due to the rise of the Nazi Regime. In 1935, he was offered a position at Cornell University where he has remained, except for his work during World War II. His research during the war at MIT would eventually lead to the invention of a usable radar system for the allies. His second project during World War II was the leader of the theoretical division in the project to create the

atomic bomb at Los Alamos. FTP name this scientist who was awarded the Nobel Prize for his discovery of the carbon-nitrogen cycle which supplies the energy to stars.

**Hans Bethe (pronounced “Beta”)**

20) . They are the leading musicians in the traditional music of Zulu a capella known as isicathamiya (Is-cot-a-me-ya) and they were key in bringing the reality of South Africa's apartheid to the world stage. Their efforts were finally repaid when they got the chance to sing at the presidential inauguration of Nelson Mandela. Led by singer Joseph Shabalala, they may be best known for their performances on Life Savers commercials. FTP name this group that collaborated with Paul Simon on his 1986 Grammy Award winning album “Graceland.”

**Ladysmith Black Mambazo**

21. She said of herself “People should know that I train like an animal.” Just before the 1996 Olympics she quit her nation's team and watched the Olympics from her home in tears. On her way to winning three gold medals at 2000 Olympics, she broke world records in the 50 meter freestyle, 100 meter freestyle and 100 meter butterfly. FTP, name this woman whose rise to the pinnacle of her sport led many to suspect that she, along with equally spectacular Dutch teammate Pieter Van den Hoogenband, had used performance enhancing drugs to win.

Inge de Bruijn

22. One of 17 administrative regions of its country, it consists of eight provinces, including Malaga, Jaen, and Huelva. The Sierra Nevada resort lies within 40 minutes of the coastline, and national parks include the Sierra Bermeja and the Doñana. It takes its name from the Arabic for the peninsula on which it lies. FTP name this region of Seville, Cadiz, and the Costa Del Sol, the southernmost in Spain.

Answer: Andalucia

BONUSES

1. FA

Modernism is closely associated with the 20th century art movement; however, there was also a parallel movement in the avant-garde music from 1890 to 1914. FTPE, answer these questions pertaining to composers who made large contributions to Modern music.

10: This man's teacher was Rimsky-Korsakov and his works were comparable to the contemporary fauve movement. His works include The Firebird, Petrushka, and The Rite of Spring.

A: Igor \_Stravinsky\_

10: This man's invention of the Sprechstimme is an extreme example of the Modern composer's search for the most basic artistic materials. Forced to leave Germany when the Nazi's came to power, he ended up as a professor at UCLA. His most famous works include Transfigured Night and Pierrot lunaire.

A: Arnold \_Schoenberg\_

10: This man's Three Nocturnes might be described as impressionist symphonic poems, though without narrative programs. He is famous for his innovations in orchestration and in piano writing, with works that include "Clair de lune" and La Mer.

A: Claude \_Debussy\_

2. Sci

Name these genetic disorders based upon a brief description for 15 points each.

15: This disorder may be recognizable at birth by a condition called "meconium ileus." Treatment may include enzyme supplementation, and the diagnosis is commonly made by demonstrating an elevation of Chloride in sweat.

A: \_Cystic Fibrosis\_ (\_CF\_)

15: This autosomal dominant genetic disorder was the first to be mapped through a systematic screening of polymorphic genetic markers for linkage. The average age of onset is not until 37 years, and symptoms include personality changes, memory loss, and a peculiar series of motor problems, including chorea.

A: \_Huntington ('s) Disease\_

3. His



Name these people based on their dying words. You will get 15 points if you get it using just the quote and 5 if you need their occupation.

15: "Either this wallpaper goes, or I do"

5: Occupation: Author and Dramatist

Answer: Oscar \_Wilde\_

15: Quote - "I have a terrific headache."

5: Occupation - US President.

A: \_Franklin\_ (Delano) \_Roosevelt\_ (\_FDR\_)

#### 4. Lit

Sure, we all have bad days, but some are just unbearable. Given a description of the method of suicide, give the name of the writer who made it famous FTPE.

10: This American poet left fresh bread and milk for her children before sticking her head into an oven and turning the gas on.

A: Sylvia \_Plath\_

10: After having suffered two major concussions and several treatments of electroshock therapy at the Mayo Clinic, this American novelist bent himself over a shotgun and opened fire.

A: Ernest \_Hemmingway\_

10: This poet gained little popular recognition during his lifetime. His free-verse poem collections like "The Bridge" and "White Buildings" came to a sad end when he leapt off a steamer coming home from Mexico in 1932.

A: \_Hart Crane\_

#### 5. SS

Let's talk some sense for a moment. FTPE, given the description, provide the name for these laws of logic given to us by Aristotle that are considered fundamental propositions for any valid thought.

10: This law, first articulated in Aristotle's Metaphysics and reiterated in the first chapter of Ayn Rand's Atlas Shrugged, states that P cannot both be and not be at the same time and in the same respect.

A: The Law of \_Non-contradiction\_

10: This law states that A is either A or not A.

A: The Law of the \_Excluded Middle\_

10: This law states that A is A.

A: The Law of Identity

6. PC

This is for all the shower singers of the world. Given the lyrics, identify the title of the rock song and the band that sings it for 5 points each.

"I needed you more / when we wanted us less / I could not kiss just regress."

A: "Glycerine" - Bush

"This way is a waterslide away from me / That takes you further every day."

A: "Say It Ain't So" - Weezer

"Lonely as I am, together we cry."

A: "City of Angels" - Red Hot Chili Peppers

7. Lit

Boy, it sure has been a while since we've asked a question about Shakespeare! Let's remedy that right now. FTPE, given a list of characters and location, give the title of the Shakespearean play they appear in.

10: Athens - Helen, Hermia, Robin Goodfellow.

A: A Midsummer Night's Dream

10: Verona - Paris, Benolio, Tybalt.

A: Romeo and Juliet

10: Padua - Baptista, Hortensis, Tranio.

A: The Taming of the Shrew

8. Sci

Who wants to be a mathematical millionaire! Well, with the Clay Mathematics Institute, you can. Just solve one of 7 problems and you too can earn as much as you could have by answering 15 really easy questions. Identify these three million-dollar problems for ten points each.

10: One prize will be awarded for a proof of this man's hypothesis, which states that all the nontrivial zeros of his namesake zeta function lie on a single line.

A: Georg Friedrich Bernhard Riemann

10: Recently, this problem was showed to be relevant to the popular computer game Minesweeper.

A: P vs. NP



10: This conjecture states that any simply connected compact boundaryless three manifold is homeomorphic to the three sphere..

A: Poincare\_ conjecture

#### 9. Rel

Given a brief description of the outcome of the council, determine which Catholic council is described FTPE.

10: This council set the Church as the sole interpreter of the Bible, and said that the Bible was the source for all doctrinal belief.

A: The Council of Trent\_

10: This council resolved the great Schism and set Martin V as pope, it also tried to limit papal powers.

A: The Council of Constance\_

10: This council reaffirmed the Catholic doctrine that Jesus is both fully divine and fully human, as well as the belief in the Holy Spirit, and the use of Saints.

A: The Council of Nicea\_

#### 10. GK

Finally - a bonus about trees. Answer the following questions about the big hardwoods for the stated number of points.

10: This woman gained infamy by living in a tree for the longest time to protest the cutting down of forests.

A: Julia "Butterfly" Hill\_

5: Not to be confused with Earth Day, this American holiday celebrates the trees.

A: Arbor Day\_

10: The Jewish version of Arbor Day, this day celebrates the New Year of the trees, held on the 15th of the Hebrew month, Shevat.

A: Tu B'Shevat\_

5: This type of tree, known as the Widowmaker because it's prickly, heavy cones can kill when they fall on your head, is also referred to as the Coulter Pine.

A: Bristle-Cone Pine\_

#### 11. His

Answer the following questions about Malcolm X FTSNOP.

5: What religious pilgrimage did Malcolm X embark on in the 1960s as part of the fulfillment of the 5 Pillars of Islam?

A: The Hajj

10: What religious group did he leave in 1964 to form the Muslim Mosque, Inc?

A: The NOI (The Nation of Islam)

15: He left the Nation of Islam in part because of disagreements with this leader, who "silenced" him for 90 days for comments regarding the assassination of JFK

A: Elijah Muhammed (Elijah Poole)

12.Lit

Name the Shakespearean play from the following clues, 30-20-10.

30: This play begins with France offending the King by giving him a tennis ball.

20: This play also begins with a deal between the church and the King to invade France and save the lands and revenue of the Church.

10: This play includes the St. Crispin's Days Speech, including the line "We few, we happy few, we band of brothers."

A: Henry V

13 .FA

Given a description and the name of one work, name the artist FTPE.

10: This man was an abstract expressionist who painted for the WPA. He was taught by Thomas Hart Benton, and he used numbers instead of names as titles, but was a hopeless alcoholic. He later died in a car accident at age 44, as a result. Name the painter of #15, created in 1950.

A: Jackson Pollack

10: He led the art world in the use of Papier Collé (paper collage) and was heavily influenced by Fauvism and his friendship with Pablo Picasso. His styles included synthetic cubism and trompe l'oeil effects. Name this painter of Still Life with Violin, who was also one of the founders of cubism.

A: George Braque

10: She was a neo-primitivist and cubo-futurist who did work for the Ballet Russes as a stage designer. She was heavily inspired by Fauvism, Russian nationalism, and the Russo-Japanese war and was a leading artist among avant-garde Russians. Name this co-founder of Rayonism, who often depicted peasant life, folk art, and religious icons in her paintings, including her work "Religious Composition: Archangel Michael."

A: Natalia \_Gontcharova\_

#### 14. Sci

Let's grow a backbone! Given a short description, name the bone or group of bones of the mammalian vertebrae FTPE.

10: Starting from the base of the skull, this first vertebral bone is specialized to permit the head to move independently from the trunk for terrestrial vertebrates. It, along with the second bone, the axis, has become highly specialized to form a universal joint that allows exceptional freedom of movement of the head.

A: \_Atlas\_ bone

10: It is a group of bones in the vertebral column that includes the atlas and the axis. Mammals usually have 7 bones in this group, located immediately following the skull and before the thoracic vertebrae.

A: \_Cervical\_ vertebrae

10: This group of bones occurs between the lumbar and the caudal vertebrae. Much of the posterior weight of a terrestrial mammal is transferred to the pelvic girdle through a strong sacrum containing at least 3 of these vertebrae and their ribs, which are usually fused together.

A: \_Sacral\_ vertebrae

#### 15. Geo

How many of you remember learning about your African capitals watching "Where in the World is Carmen Sandiego?" Well...neither do we, but why not take a shot at name these African capitals, given the country. Five for one, ten for two, twenty for three, thirty for all four.

A: Angola

Answer: \_Luanda\_

B: Burkina Faso

Answer: \_Ouagadougou\_

C: Chad

Answer: \_N'Djamena\_

D: Guinea-Bissau

Answer: \_Bissau\_

#### 16. Spo

Given an old arena, name the NBA team that used to play in it FTP each.

10: HemisFair Arena A: San Antonio \_Spurs\_

10: The MECCA A: Milwaukee \_Bucks\_

10: Cobo Arena A: Detroit \_Pistons\_

17.PC

I'm sure your grandparents might remember Jackie Gleason hosting one episode of "You're in the Picture," and it was a "Big Surprise" Mike Wallace was ever a game show host. F5PE, name the hosts of these obscure game shows.

5: Now You See It (1989 version) A: Chuck \_Henry\_

5: The Neighbors A: Regis \_Philbin\_

5: Whew! A: Tom \_Kennedy\_

5: Where in the World is Carmen Sandiego? A: Greg \_Lee\_

5: The Cheap Show A: Dick \_Martin\_

5: Pitfall A: Alex \_Trebek\_

18. Rel

Given a description of the Archangels, determine which archangel is being described.

10: This Archangel is known as the protector. He battles Satan and wins, and is called the head of God's army.

A: \_Michael\_ the Archangel

10: This Archangel is known as the messenger. He announced to Mary that she would be the Mother of God's son.

A: \_Gabriel\_ the Archangel

10: This Archangel is known as the healer. He is found once in the Bible, in the Old Testament's Book of Job.

A: \_Rafael\_ the Archangel

19. That pesky Bill of Rights, always getting in the way. Wait never mind, its a good thing. Answer this question about Supreme Court Cases dealing with our important Civil Rights for 10 points each.

A. This case involved libel of city officials who attempted to shut the paper down. The court decided this amounted to prior restraint and for the first time made a Bill of Rights amendment applicable to the states through the 14th amendment.

Near v. Minnesota

In this case Connecticut tried a man a second time and gave him the death penalty, after he had received a life sentence in the first trial. He appealed to the court which decided that this was double jeopardy, but that this did not apply to the states. The Court did reverse their decision in the 1980's, but the man was already dead

Palko v. Connecticut

In this case, a follow up to Roe v. Wade, the state of Pennsylvania had several provisions requiring spousal consent for abortion overturned.

Planned Parenthood v. Casey

20. For ten points each name these different kings of England.

This king's rule began in 1216 and he ruled for over half a century. He was deeply religious and quite gullable, letting Innocent IV almost convince him to invade Sicily. He died after having had power taken by his advisors.

Henry III

This man was the son of Henry III and was much stronger ruler. He was most famous for his conquest of Wales and partial conquest of Scotland. For ten points name this tall King.

Edward I or Edward Longshanks

This king was famous for how little time he spent in England: 10 months out of his 10 year reign. He died of gangrene from a crossbow wound.

Richard I or Richard the Lionhearted

21. Name the author on a thirty twenty ten basis

30. Scholars are pretty sure that she was from Kent, and her name may have been Johnson. She left no biographical information of her own, but we do know that she died in 1689 after being born perhaps around 1640.

20. Her work is shrouded in rumor and speculation, but Virginia Woolf credited her with giving women the right to speak their minds. Indeed, she turned out at least 24 plays in 12 years and produced a work of epistolary fiction titled Love Letters Between a Nobleman and His Sister amidst a flurry of additional poetry, French translations, complications and Pindarics.

10) She is perhaps best remembered for "The Disappointment" and Oroonoko, or The Royal Slave.

--Aphra Behn

22. GK

Buzz beer, Duff beer, Flaming Homers. We are all well-versed in our fake alcoholic drinks, but how well do we know your real ones. For ten points each identify the drink from the way it is made.

10: Pour Sambuca into chilled cocktail glass. Float Irish Cream on top and drop grenadine on top in the center of the drink.

A: \_Slippery Nipple\_

10: Pour Vodka and orange juice over ice cubes in chilled Collins glass. Stir. Float Galliano on top.

A: \_Harvey Wallbanger\_

10: Combine dark rum, white rum, gold rum, coconut liqueur, fresh orange juice, pineapple juice, fresh lemon juice, and grenadine with ice cubes in a cocktail shaker. Shake well. Pour into chilled Collins glass and garnish with a maraschino cherry and orange slice.

A: \_Bahama Mama\_