

Tossups

1. His official family tree recently added women and is the largest in the world. As a child he enjoyed putting ritual vases on sacrificial tables, and he postulated that self-interest came from righteousness, which in turn came from kindness. These three concepts he called "li," "yi," and "ren," and he served as a justice minister in the state of Lu before the degeneracy of its king caused him to resign. Eventually gaining numerous disciples, including Mencius, FTP identify this author of the Analects and famous Chinese philosopher.

Answer: Confucius (or Master Kong)

2. Despite not being made of quarks, they are sometimes referred to as mesons (MAY-sons) on account of their intermediate size. They have a mass of 105.6 Mega Electron volts, and they are frequently produced by the decay of pions (PIE-ons) created in the upper atmosphere by cosmic rays. Despite their short half-life, the time dilation caused by their great speed allows them to reach the earth's surface. Carl D. Anderson was the first to observe them when in 1936 he discovered particles with the charge of the electron of significantly greater mass. With 207 times the mass of an electron, FTP, identify this lepton involved in most attempts at cold fusion, which is less massive than a Tau and whose name is based on the letter that proceeds Nu in the Greek alphabet.

Answer: Muon.

3. Referred to as a dirty writer in the Music Man along with Chaucher and a fellow countryman, he was famous in his life as a doctor. He edited works for Sebastian Gryphius and published a number of burlesque almanacs in addition to his most famous five book series. The first two volumes of this series were published under the pseudonym Alcofribas Nasier, an anagram of his name, although the author's own name would become a synonym for coarse and extravagant humor. Detailing the exploits of Panurge and the title giant in one work FTP identify this French writer, the sixteenth century creator of the characters Gargantua and Pantagruel.

Answer: Francois Rabelais

4. Extrapolation from the Hubble Deep Field suggests that there about 80 billion of them in the visible universe. Their formation is poorly understood, as is the manner in which the bulk of their mass is distributed in their large halos. The Eggen-Lynden-Bell-Sandage theory has them created in a 100,000,000 year long process caused by a collapsing gas cloud, while the Searle-Zinn theory proposes that globular clusters form first and aggregate into them. Classified into four main types by Edwin Hubble, FTPE identify this astronomical entity whose types include elliptical, irregular, and spiral, and whose most famous example is the Milky Way.

Answer: galaxies

5. A codex from Tournai contains the first extent complete one and Guillaume de Machaut was the first to compose a setting for one as an artistic whole. Guillaume Dufay created the parody variety with one based on the popular song l'Homme Arme, and William Byrd tried to compose a complete setting of all of the propers as well as the ordinary. Leos Janacek composed a "Glagolytic" one, Bethoven composed a "solemn" one, and Bernstein composed one despite being Jewish. Traditionally including five sections: the Kyrie, Gloria, Credo, Sanctus, and Angus Dei, FTP identify this type of musical work, a setting of a Roman Catholic Eucharistic service.

Answer: Setting of the ordinary of the Mass

6. Born in Babylon, his instructions for conducting the Passover Seder include the first reference to a sandwich. Although he was once a woodcutter, as Nasi he promulgated the Pruzgal and he argued a more lenient position on the Torah than his contemporary Shammai. Famously declaring that the Torah could be summarized as "That which is hateful to you, do not do to your neighbor," FTP identify this Jewish Rabbi, the grandfather of Gamaliel, often considered the founder of rabbinic Judaism whose name is born by college Jewish associations.

Answer: Rabbi (or Rabban) **Hillel** the Elder

7. He is famous in mathematics for his 1921 *Treatise on Probability*, and his most famous political works were his 1931 *Essays in Persuasion*. Adamantly opposed to returning Britain to the gold standard on a pre-war parity, and he borrowed Richard Kahn's concept of the multiplier for his most famous work. The rival of Von Hayek, he wrote a *Tract on Monetary Reform*, and after being sent as part of the British delegation to Versailles, he wrote *Economic Consequences of the Peace*. Most famous for his *General Theory of Employment, Interest and Money*, FTP identify this British economist, whose theories formed the basis of the New Deal.

Answer: John Maynard **Keynes**

8. In one story he plays a form of hockey riding on the backs of orphans until his equipment falls into the netherworld, and in another he defeats King Agga. He once ran through the tunnel of the sun, and after talking with the tavern keeper Siduri, he traveled across the waters of death with the Boatman Ur-Shanabe. At one point bread in various degrees of rotteness proved that he had slept for seven days and so failed a test. With his companion he slew Humbaba and he ended his most famous quest after talking with Uta-Napishtim, the sole survivor of the great Flood. FTP identify this friend of Enkidu and king of Uruk, the subject of a lengthy Akkadian epic and numerous Sumerian stories.

Answer: **Gilgamesh**

9. Find the determinant of the following 4 by 4 matrix. First row 1, 2, 2, 1; second row, 3, 2, 1, 0; third row 1, 1, 1, 0; fourth row 4, 4, 1. This may seem like a very complicated problem until one realizes that, because of the three 0's in a row, it is FTP, equivalent to negative one times the determinant of the three by three matrix in the bottom left corner. You have 15 seconds.

Answer: **7**

10. Encouraged by the preacher Fulk of Neuilly, it began when Thibaut of Champagne and Louis of Blois took a vow at a joust. Enrico Dandolo, the Doge of Venice, provided transportation, though when only a third of the expected people showed up forced it to attack the city of Zara in return for the postponement of payment, which its leaders were able to give in full after being paid a vast sum by Alexius III for installing him in the position of his deposed blind father Isaac. However, Alexius was deposed before fulfilling all their promises, which led to its most famous actions. FTP identify this crusade, which in 1204 sacked Constantinople.

Answer: The **Fourth Crusade**

11. This book led to the creation of the Nationalist Party. In it the protagonist builds an underground chamber to frown out noise and help with his insomnia, and also enlists the aid of the hypnotist Dr. Pillsbury. His house burns down and he is presumed dead until he is found by Dr. Leete. The protagonist eventually pursues a relationship with Edith, but, that man, Julian West had been previously engaged to her grandmother before a 113 year stint in suspended animation. Describing a world where the retirement age is 45 among other things, FTP identify this work about a socialist Utopia in the year 2000, written by Edward Bellamy.

Answer: **Looking Backward**: 2000-1887

12. Under this man's reign Britain adopted the Gregorian calendar. He commanded the British army at the battle of Dettingen making him the last English king to personally command a battle, and his reign also saw the defeat of Jacobite rebels battle of Culloden, the last battle fought in England. He responded to his wife's dying request for him to remarry by saying "no, I will have mistresses," and in his early reign retained Walpole as chief minister. FTP identify this English king, the second Hanovarian and father of George III.

Answer: **George II** of Hanover

13. Its conclusion originally contained a lengthy anathema, and it was expanded at the council of Constantinople to include an expanded discussion of its third article, called the "giver of life" and also a reference to "One Holy Catholic and Apostolic Church." The last addition to it in the west was the two word Latin Clause filioque, while the phrase "creator of all that is, visible and invisible" was included in the original to combat Gnosticism and the phrases "true god from true god" and "begotten not made," to combat Arianism. FTP, identify this basic Christian creed, named for the first ecumenical council.

Answer: the **Nicene** (or **Niceno-Constantinopolitan**) **Creed**

14. Both commanders in this battle independently planned a feint attack on their opponent's right flank and a massed attack on the other. After fighting broke out at Stone Bridge and Blackburn's Ford, Colonel Shank Evans countered the main union drive at Matthew's hill, while in the battle at Henry House Hill Union artillery batteries and the famed Fire Zuaves were routed. Seeing P.G.T. Beauregard defeat Irvin McDowell, FTP identify this civil war battle, the first of the war.

Answer: **First Bull Run**, or **First Manassas Junction** (Prompt on Bull Run)

15. After meeting Galileo, its author, like Spinoza, decided to model this work on a geometric proof. In book IV, The Kingdome of Darknesse, he debunks false religions, and he explains the compatibility of his system with Christianity in Book III, The Christian Common-Wealth. He describes creating the title entity in Book II, which takes its name form its depiction on the work's title page which its author designed as a creature made up of constituent people. Describing the state of nature as nasty, brutish and short, FTP identify this work of Hobbes which likens the state to a Biblical sea monster.

Answer: **Leviathan**

16. He made his start in acting when he guest-hosted Saturday Night Live in 2002, and he played Tsunkatse in an episode of Star Trek: Voyager, as his father in That 70's Show, and as himself in Reno 911!. He played Beck in The Rundown, and also played a pharaoh from Dynasty 0. Famous for roles in Walking Tall and Be Cool, he played Sarge in Doom, the movie. FTP identify this actor who made his acting debut as The Scorpion King in The Mummy Returns, a former professional wrestler.

Answer: **Dwayne Johnson**, or The **Rock**.

17. He was conflated with Seth by the Hyksos in Egypt, and his proper name was actually Hadad. The son of El, his more common name has the same etymology as that given to Marduk in the Greek additions to Daniel, and is also shared by Hammon, the God of Carthage, and numerous other gods, as it just means lord in Semitic languages. Elijah famously suggested he might be relieving himself or away on a journey, and Jehu had a large number of this god's priests given fine robes before having them massacred. FTP identify this Canaanite god, championed by Jezebel, the quintessential god of idols in the Bible to whom one proverbially bows the knee.

Answer: **Ba'al** Hadad

18. In the Producers before deciding on Springtime for Hitler the work about this man is considered. An insurance salesman, he discovers at the beginning of that work that he has overslept and will miss the train that will take him to work. These however, are the least of his worries as before the work's end he will die of starvation and scare away his family's tenants when he comes out to listen to his sister Grete play violin. Mortally wounded by an apple thrown by one of his parents, FTP identify this character created by Franz Kafka, who awoke one day to discover he had been transformed into a cockroach.

Answer: Gregor Samsa

19. For a time, he was the bandmaster at the Worcester County Lunatic Asylum. Later in life he, dejected, claimed to have completed a third symphony which no one wanted to hear, although when his bluff was called it turned out he only had sketches. He also composed a symphonic poem about Falstaff and another entitled Froissart. His Catholicism led him to use a text by Cardinal Newman in his most famous Oratorio, although he is perhaps best known for a work inspired by his friends. The composer of the Dream of Gerontius, FTP identify this man, who rose to fame with his Enigma Variations and composed the Pomp and Circumstance Marches.

Answer: Sir Edward William Elgar

20. His first major work, *The Story of a Shipwrecked Sailor*, originally published as a newspaper series contradicting government accounts of a real shipwreck, caused him to leave the country because his life was now in danger, and set up his next novel *Chronicle of a Death Foretold*, about revenge killings recorded in the newspaper. FTP, which author's most famous works most famous works, reflecting his use of magic realism, include a story of his grandparents courtship, *Love in the Time of Cholera*, and the story of a strange village in *One Hundred Years of Solitude*.

Answer: Gabriel García Márquez (This is a compound last names so do not prompt on Marquez)

21. Since 2004, he has paired with Virgin Mobile in a promotion supporting the penny, had his work recited by James Lipton on "Late Night with Conan O'Brian", fathered three children, released a hip hop album, modeled professionally, and wrestled on television with World Wrestling Entertainment. On Tuesday, his wife of two years filed for divorce. For ten points, name this former backup dancer, who until this week was best known as "Mr. Britney Spears".

Answer: Kevin Federline (accept K-Fed)

22. One of its fundamental practices involves a process known as auditing using an electrical device called an E-Meter. According to court documents surrounding the *Fishman Affidavit*, 75 million years ago, the Galactic Confederacy commanded by Lord Xenu transplanted billions of souls using spacecraft that looked like Douglas DC-8 aircraft into volcanoes and then exploded the volcanoes with hydrogen bombs. These alien souls, known as Body Thetans, got trapped in modern humans, which explains modern health and psychological problems. FTP, name this religion that has adherents like Kirstie Allen, John Travolta, Katie Holmes and Tom Cruise.

Answer: Church of Scientology

Bonuses

Identify the following mammal orders FTPE.

- 10 This order contains man Answer: Primates
 10 This order contains elephants Answer: Proboscidea
 10 This order contains whales Answer: Cetacea

Name the mental disorder FTPE.

10 A close encounter with death or serious injury in which one responds with fear and helplessness can lead to this condition in which a person experiences flashbacks and dreams of the event.

Answer: Post Traumatic Stress Disorder

10 Tom Cruise, who is crazy for other reasons, criticized Brooke Shields for taking medication to alleviate this type of depression that can occur after pregnancy.

Answer: Post Partum Depression

10 This disease usually involves eating binges and induced vomiting in an attempt to lose weight, and does not result in the ability to read minds.

Answer: Bulimia.

Pencil and Paper ready. For ten points each, identify the conic section when given its equation.

Parametric equations: $x=4t^2$ and $y=8t$ [read: x equals 4 times T squared and y equals 8 times T]

Answer: parabola

$4x^2-9y^2=36$ [read: 4 times x squared minus 9 times y squared equals 36]

Answer: hyperbola

$4x^2+8xy+4y^2=0$

Answer: line

Name these musical forms from a description FTPE.

10 This quintessential contrapuntal form features the statement of a theme by several voices in sequence, with each one then providing contrapuntal accompaniment to the following statements of it. Bach is famous for one in D minor.

Answer: fugue

10 The primary material in this form is interspersed with contrasting sections in a form like ABACADA. Mozart is famous for writing one a la Turk.

Answer: Rondo

10 This form consists of an exposition of three themes followed by a development section and then a recapitulation of the three themes and is usually used in the first movements of symphonies. The same term is also used more generally to describe solo instrumental works.

Answer: sonata form

Answer the following about church architecture FTPE.

10 Taking its name from the Latin word for ship, this is the main area in a church and is the central approach to the altar. It is often flanked by aisles and holds the bulk of the congregation.

Answer: Nave

10 This names the part of the church perpendicular to the main axis, embodying the small side arms of the cross plan. Its crossing with the nave often forms the base of a tower.

Answer: Transept

10 This is the area before the nave immediately within the church's western doors, often used today for receptions.

Answer: Narthex

Identify the following about a Biblical prophet FTPE.

10 This second of the Major Prophets prophesied the fall of Jerusalem in Judea.

Answer: Jeremiah

10 Jeremiah also authored this book of poetry concerning the fall of Jerusalem

Answer: Lamentations

10 In the Catholic Bible the book attributed to this man, the scribe of Jeremiah, follows Jeremiah's book

Answer: Baruch

Identify the following about Greek prophets FTPE.

10 Apollo gave this woman the gift of prophecy to be his lover. She took it but then spurned him, and so he made it so no one would believe her prophecies.

Answer: Cassandra

10 This seer asked for eternal life, when she probably should have asked for eternal youth. As a result she lives forever but continually ages. T.S. Eliot quotes her one desire "I want to die" in the epigraph of the Wasteland.

Answer: the Cumaen Sybil

10 This prophet was turned into a woman for some time by a giant snake, and so was in the unique position to settle a dispute between Hera and Zeus over whether men or women preferred conjugal relations more, which resulted in Hera blinding him and Zeus giving him the ability of prophecy. He is more famous for his appearance in Oedipus Rex.

• Answer: Tiresius

Identify the following about Don Quixote FTPE.

10 This greedy but kind peasant is Don Quixote's squire

Answer: Sancho Panza

10 Don Quixote devotes himself to this peasant woman, who never actually appears in the novel

Answer: Dulcinea del Toboso

10 Don Quixote rides this horse on his adventures, which is somewhat past its prime.

Answer: Rocinante

Identify the following about a branch of the Anabaptists FTPE

10 This group of Anabaptists, best known for their archaic lifestyle and communal barn raisings, was founded by Jacob Amman

Answer: The Amish

10 The Amish group broke from this Anabaptist denomination, which is noted for its adherence to complete pacifism.

Answer: Mennonites

10 This man, once a Catholic priest, founded the Mennonite church.

Answer: Menno Simons

FTPE, answer the following about the events of December 2, 1942.

10 This scientist was the one referred to in a secret message sent to President Roosevelt stating "The Italian navigator has reached the New World."

Answer: Enrico Fermi

10 The "New World" Fermi had reached was actually the powering up of this device.

Answer: first nuclear (or fission) reactor [lenient on exact wording]

10 This historic event occurred directly beneath the squash courts of this university.

Answer: (University of) Chicago

Identify the following about Japanese Emperors

10 The position of emperor of Japan is known as the throne of this flower

Answer: Chrysanthemum

10 Jimmu, a descendent of this Shinto Sun Goddess, is traditionally considered the founder of the Imperial line.

Answer: Amaterasu

10 When Japan adopted the Gregorian calendar during this period when imperial power was restored and Tokugawa Shogunate overthrown, the date of the foundation of the Japanese imperial line was officially declared to be February 11, 660 BC.

Answer: Meiji Restoration

Identify the following English Prime Ministers for references in cartoons FTPE.

10 Peter makes a reference this to this Prime Minister and author of Vivian Grey, who then says "You don't even know who I am"

Answer: Benjamin Disraeli

10 The baseball player Wade Boggs argues with Barney in a Simpson's episode that this man, prime minister during the French and Indian War and namesake of a Pennsylvania city, was the greatest English prime minister, and not Lord Palmerston

Answer: Pitt the Elder (prompt on Pitt)

10 A reference to this English Prime Minister, who was in power during the Falkland islands conflict, occasions a discussion about whether power is sexy in a Family Guy episode.

Answer: Margaret Thatcher.

Identify the following about the U.S. Supreme Court FTPE

10 Homer Simpson claimed that this chief justice, who presided over the investigation of the Kennedy assassination, was a sleazy male stripper.

Answer: Earl Warren

10 The Warren court overturned a conviction in this case on the grounds the defendant was forced to defend himself and ruled that states were required to provide an attorney for defendants unable to afford one

Answer: Gideon v. Wainwright

10 The Warren Court also decided this case about birth control which established the right to privacy

Answer: Griswald v. Connecticut

Identify the following about well-building FTPE.

10 The location of this geological entity, also called the phreatic surface is the level at which atmospheric pressure equals water pressure, and hence below it all of the ground is normally saturated with water.

Answer: Water table

10 This geological entity, whose name comes from the Latin for water bearer, describes an permeable layer of underground rock which contains groundwater.

Answer: Aquifer.

10 This type of well, which takes its name from a region in France where Carthusian monks frequently were able to dig them, is dug where the surface is below the water table, and hence water pressure forces the water above the surface.

Answer: Artesian well

Identify the following about Norse Mythology found in Wagnerian opera

10 These maids serve Wotan and bring valiant souls to Valhalla.

Answer: Valkyries

10 This Valkyrie was put in a circle of fire for defying Wotan, until she was saved by a hero. She is the most famous woman in the Ring Cycle

Answer: Brunhilde

10 This title character of a Wagner opera was raised by the dwarf Mime and saved Brunhilde.

Answer: Siegfried or Sigurd

Identify the following about Madonna FTPE.

10 Madonna recently adopted a child from this African country that is the namesake of a large lake

Answer: Malawi

10 Madonna created controversy with this recent world tour, which included a mock crucifixion scene.

Answer: Confessions

10 Madonna's use of crucifixion imagery is somewhat puzzling given her adherence to this sect of mystical Judaism

Answer: Kabbala

Answer the following about a certain phylum FTPE

10 This phylum, the most closely related to Chordata, is distinguished by tube feet and pentamerous or five-way radial symmetry.

Answer: Echinodermata

10 This class of echinoderms includes starfish

Answer: Asterozoa

10 This class, whose name means snake like in Greek, contains brittle stars and basket stars

Answer: Ophiurozoa

FTPE, name these elementary particles in physics.

This particle carries an electric charge of negative one atomic unit.

Answer: Electron

This particle causes quarks to interact and indirectly leads to the bonding of protons and neutrons.

Answer: Gluon

This is a hypothetical particle with no mass that mediates gravity in quantum field theory.

Answer: Graviton

Identify these men from the revolutionary war FTPE.

a) This leader of the Green Mountain Boys hailed from Connecticut.

Answer: Ethan Allen

b) This man is as well known for his beer as for his Committees of Correspondence. Probably more well-known.

Answer: Samuel Adams

c) This 'mad' general received a congressional medal for his surprise victory at Stony Point

Answer: Anthony Wayne

Given the newest album, name the hip hop artist.

Release Therapy

Answer: Ludacris

B'day

Answer: Beyonce Knowles

Hoodstar

Answer: Chingy