

**Tossups**

1. This Greek astronomer and mathematician in later life became blind and, unable to read, committed suicide. Earlier in life he had used his knowledge that at midday, the sun was directly overhead at Cyrene to determine the circumference of the Earth and he was within 50 miles of the correct answer. FTP, name this Greek astronomer and mathematician who also devised a way to separate primes from composites by use of a method that still bears his name.  
Answer: **Eratosthenes of Cyrene**
2. The island contains the Barisan Mountains and the rivers Musi, Indragiri, and Kampar. It is a hot spot along the Ring of Fire, as the eruption of Toba occurred on it and Krakatoa erupted nearby. Its cities include Palembang and Padang, and its largest city is Medan. It is bordered on its southern tip by the Sunda Strait and in the northeast by the Strait of Malacca. FTP, name this island, one of the largest in Indonesia.  
Answer: **Sumatra**
3. This play, written in 1921, opens in the fireman's castle of a ship sailing from New York. One coal shoveler is larger than all the others and dominates them. He is able to gain the respect of his coworkers, but he repulses the elegant Mildred Douglas who is a passenger on the ship. At a city zoo, he stares at a primate in a cage and it dawns on him how much he is like it. FTP, name this play in which the main character, Yank, compares himself to a primate, that was written by Eugene O'Neill.  
Answer: ***The Hairy Ape***
4. This painting's central character is not Jesus, but twelve disciples surround him. The subject of the painting sits roughly in the center, on a bed, raising a finger as though in the midst of a speech. Most of the followers on the right sit in rapt attention, but those on the left look away from him, especially the one handing him a cup. FTP, name this 1787 painting by Jacques Louis David.  
Answer: **"The Death of Socrates"**
5. She slumped in the second half of the 1998 season, finishing in the top ten only once in her last nine tournaments. When she pulled out of the Japan Classic, she torpedoed any chance she might have had at catching Annika Sorenstam in the point standings for player of the year. FTP, name the 20-year old women's U.S. open champion, whose arrival home was front-page news in South Korea.  
Answer: **Se Ri Pak**
6. Some of its lesser-known passages of this legislation made e-mail "flaming" illegal, and protected the blocking of information by content providers that the providers find objectionable. However, its main goal was to criminalize the intentional transmission of obscenity over the Internet, which is why the ACLU sued to overturn parts of it within minutes of its signing in 1996. FTP, name this highly contested law, part of the Telecommunications Act of 1996.  
Answer: **The Communications Decency Act of 1996**  
(prompt on Telecommunications Act before mentioned)
7. About the actions of this organization's members, Picabo Street said, "I was in denial myself until this all came out." However, the allegations do not involve any group known for its shady behavior. Rather, the scandal, involving millions of dollars in bribery, has involved cities like Brisbane, Manchester, and Melbourne, as well as Salt Lake City. FTP, name this embattled international sports organization headed by Juan Antonio Samaranch.  
Answer: **The International Olympic Committee (accept Salt Lake Organizing Committee before Brisbane is mentioned)**

8. This religious and ethnic group originated in a city north of Jerusalem. Thought by Jews to be a heretical sect, they used an older version of the Pentateuch than that in the Torah, and centered their worship of Yahweh on Mt. Gerizim. Their animosity toward Jews, and vice versa, is manifest in John 4. FTP name this group, the most famous of who is an unnamed one who is more helpful than a priest and a Levite in a parable of Christ.

Answer: **Samaritans**

9. He was crowned King of Scotland in 1651 and proceeded to invade England, but was repelled by Cromwell at Worcester and did not return for eight years. He had many children including the actress Nell Gwyn and the Duke of Monmouth. Because none of his children were legitimate, the English crown passed to his brother on his death. FTP, name this Stuart king of England, the brother of James II and son of Charles I, who reigned from 1660 to 1685.

Answer: **Charles II**

10. This medical condition can occur in a ventricle after a heart attack and leads to ineffective pumping, rhythm disorders, and difficult-to-control chest pain. They are difficult to detect because they often don't have any symptoms. The aortic variety is operated on when it reaches a diameter of 2 inches. FTP, what is this condition, often caused by atherosclerosis, that is the weakening and abnormal widening of a blood vessel and often results in bursting?

Answer: **aneurysm**

11. In this 1604 play based on George Whetstone's *Promos and Cassandra*, the Duke has left Vienna, and sexual indiscretions run rampant in the city. A gentleman is condemned to death for impregnating his lover, and his sister, a votarist of St. Clare, pleads for his life. The solution to save his life involves several changes of identity, including the substitution of one severed head for another and the substitution of Mariana for Isabella in Angelo's bed. FTP, name this Shakespearean comedy.

Answer: **Measure for Measure**

12. Some of this Russian composer's orchestral works include "Kamarinskaya," "Jota aragonesa" and "Summer Night in Madrid." A poem by Alexander Pushkin was the basis for his famous 1842 opera, "Russlan and Ludmilla," which pioneered the style of the Russian national school of composers. FTP, name this composer who in 1836 composed "Ivan Susanin" which later became known as "A Life for the Tsar."

Answer: **Mikhail Ivanovich Glinka**

13. This rock can have several compositions, though usually it has a composition like rhyolite. It is produced when magma is forced to the surface and cools so quickly that it has no time to crystallize. Because it is shaped easily by flaking, Western Native Americans use it for arrowheads and early humans made tools with it. FTP, name this rock often called volcanic glass that is usually colored black.

Answer: **Obsidian**

14. This practice, if implemented, will not change the procedure of mailing questionnaires to all known U.S. households. However, the bureau will assume that the percent not counted mirror their racial and ethnic composition. It has been challenged by Republicans, however, who maintain that the Constitution requires the census to provide an actual physical count of the population. FTP, name this procedure, which if implemented will supposedly make the 2000 U.S. census the more accurate.

Answer: **statistical sampling**

15. He has no friends, and the only thing he enjoys reading is the train schedule. However, due to an unforeseen circumstance, the closest his dream of sending his sister to the Conservatorium comes to bearing fruit occurs when his father throws apples at his hideous form, one of which wounds him and sticks inside his body. FTP, name this traveling salesman that wakes up one morning to find he has been transformed into a gigantic insect in a Franz Kafka story.

Answer: **Gregor Samsa**

16. This island has been under Venetian, Byzantine and Arab control. It is notable for being conquered and reconquered many times, including a 1941 German airborne invasion. The height of its power came many centuries before when it was the center of a great trading empire, which was destroyed in part by the explosion of Santorini. FTP, name this Greek island at the south end of the Aegean Sea, which was once the center of the Minoan civilization.

Answer: **Crete**

17. She is the penciler and writer of *Idiosyncratic Routine*. Her antics with two members of her high school class earned her the nickname "Finger Cuffs." When her boyfriend cannot resolve his jealousy over her sexual past, she breaks up with him and returns to her lesbian lifestyle. A year later, she meets him a year later, where she finds that she is the subject of Holden McNeil's latest limited edition comic, which shares its name with the movie. FTP, name this former best friend of Caitlin Bree, the female lead character in Kevin Smith's *Chasing Amy*.

Answer: **Alyssa Jones**

18. This American journalist and drama critic for several New York-based publications was born in a commune called the North American Phalanx. He was the model for the character Sheridan Whiteside in *The Man Who Came to Dinner* and played the role himself until he suffered a heart attack. His radio show established his reputation for wit, sentimentality, and insult. FTP, name this associate of Robert Benchley, George Kaufman, and Dorothy Parker and other personalities of the Algonquin Round Table.

Answer: **Alexander Woollcott**

19. This former congressman's candidacy began in 1982, when he said that; " 'the city that works' doesn't work anymore." Still, he was predicted to finish third in the Democratic primary behind Jane Byrne and Richard M. Daley, but against conventional wisdom, he won the primary and went on to defeat Republican Bernard Epton in an unusually competitive, racially charged general election in April 1983. FTP, name this man, the first black mayor of Chicago.

Answer: **Harold Washington**

20. For normal goods, higher levels of income are associated with higher quantities; however, this is not true for inferior goods. In special cases the income effect of an inferior good can outweigh its substitution effect. FTP, name these goods that display upward sloping demand curves and whose name should not be confused with the president of DGC records.

Answer: **Giffen goods**

21. Some of the elements of this legal term include a person's rightful or justified reliance, and a person's ignorance of the falsity of the representation. In law it must be proved while in equity it suffices to show facts and circumstances from which it may be presumed. FTP, what is this crime, commonly defined as "misrepresentation, concealment, or nondisclosure of material fact?"

Answer: **fraud**

22. By studying this phenomenon in fluid mechanics, the French scientist Jean Baptiste Perrin was able to make an early estimate of Avogadro's number. It can be eliminated by radically increasing the force of gravity; such as through a centrifuge, but this breaks the suspension and allows the suspended particles to settle. Discovered in 1827 by a British botanist, it occurs because the molecules of the medium in a colloidal dispersion strike the suspended particles. FTP, name this random movement, a property of colloids.

Answer: **Brownian motion**

23. Two of these were passed by Congress, the first of which was invalidated by the Supreme Court case *United States v. Butler*. The first was funded by taxes on processors of agricultural commodities and established the system of farm subsidies which still exists today. FTP, give the name of either the first act, passed in 1933, or the second act, passed in 1938, which established FDR's farm policy.

Answer: **Agricultural Adjustment Act or AAA**

24. She was born in New York, but grew up in Champaign, Illinois. Her 1988 gold medal time in the 500 meters was 39.1 seconds. She won gold medals in three different Olympics, and her five golds are the most ever for an American Olympic female athlete. FTP, name this Olympian who won gold medals in Calgary, Albertville, and Lillehammer, the most successful American speed skater in history.

Answer: **Bonnie Blair**

25. From the 1930s to the 1960s, these children's primers were synonymous with learning to read. Published by Scott Foresman, these books featured simple vocabulary and cheerful pictures of three children and their pets. The illustrations were updated slightly over the years, but always portrayed an idyllic suburban world. FTP, name these primers, known collectively by the names of their two main characters and in which you might see the phrase "See Spot Run."

Answer: **Dick and Jane primers**

26. Located in the South Pacific, about halfway between Peru and New Zealand, this small volcanic island had a population of only 54 people in 1992. Archeologists have discovered evidence of Polynesian inhabitants as early as 600 years ago, but today each of the residents of this dependent territory of the United Kingdom is a descendent of some infamous mutineers and their Tahitian wives. FTP, name this island on which Fletcher Christian and some of the other H.M.S. *Bounty* mutineers settled permanently in 1790.

Answer: **Pitcairn Island**

27. This song hit number one on the Billboard pop music chart in October 1971. The following spring, it captured the Academy Award for Best Song. It is the title song in a film which tells the story of a private investigator, played by Richard Roundtree, who saves the daughter of a Harlem crime boss from the Mafia. The lyrics state "Who's the black private dick, that's a sex machine with all the chicks?" FTP, either name this song which earned an Academy Award for Isaac Hayes or "Shut your mouth."

Answer: **the Theme from *Shaft*** (Prompt on just "Shaft", can you dig it?)

### **Bonuses**

1. Identify these baseball sluggers FTP each.

(10) Sammy Sosa broke this Chicago Cub's club home run record of 56 home runs, set in 1930, but could not come close to his modern-era record 190 runs batted in.

Answer: **Hack Wilson**

(10) Overshadowed in baseball history by his teammate Henry Aaron, this Milwaukee Brave third baseman still managed to tie Ernie Banks with 512 career home runs.

Answer: **Eddie Matthews**

(10) This Homestead Grays catcher reportedly hit 75 home runs in a season in the twenties, eclipsing even Mark McGwire, but Negro League statistics are not 100% reliable.

Answer: **Josh Gibson**

2. Answer the following questions about people and events connected to the gay rights movement in the United States for 5-15-10.

(5) This University of Wyoming student's fatal beating in October 1998 sparked new interest in the debate over hate-crime laws.

Answer: **Matthew Shepard**

(15) This Topeka, Kansas Baptist minister pickets the funerals of gay men, including Shepard's, to spread the word of their supposed everlasting torment in hell.

Answer: **Rev. Fred Phelps**

(10) This June 1969 event, considered by some to be the beginning of the modern gay-rights movement, began as a mass resistance of arrest by drag queens against the NYPD at a New York bar raid.

Answer: **Stonewall**

3. "The experiment suggested that holes were flowing into the germanium surface from the gold spot," the Nobel Prize winning physicist explained nine years later, "and that the holes introduced in this way flowed into the point contact to enhance the reverse current." Answer the following questions for the stated number of points.

(10) The physicist is discussing the breakthrough in current amplification that led to what invention?

Answer: **transistor**

(15) For five points each, name the three men who shared the 1956 Nobel Prize for the invention of the transistor.

Answer: **John Bardeen, Walter H. Brattain, and William B. Shockley**

(5) For what private research institution did Bardeen, Brattain, and Shockley work when they invented the transistor.

Answer: **Bell Labs**

4. Identify the following world leaders who met ignominious ends FTP each.

(10) In a CIA-sponsored coup, this Chilean Marxist was attacked and killed in his presidential palace by forces led by Gen. Augusto Pinochet on September 11, 1973.

Answer: **Salvador Allende**

(10) As Prime Minister of the independent Republic of Congo, his Marxist and nationalist stances led him to pursue cooperation with the Soviet Union; he was assassinated in 1961.

Answer: **Patrice Lumumba**

(10) As prime minister of Iran, he took a tough stand on Britain's oil industry within the country and for several days in 1953 appeared to unseat Shah Mohammed Reza Pahlavi; however, the CIA-backed royalists took over on August 19 and imprisoned him for treason.

Answer: **Mohammed Mossadegh**

5. Answer the following questions relating to Washington Irving FTP each.

(10) Under which pen name did Irving author his first published writings, which were a series of newspaper sketches?

Answer: **Jonathan Oldstyle**

(10) Irving took this pen name to author his first book, A History of New York from the Beginning of the World to the End of the Dutch Dynasty.

Answer: **Diedrich Knickerbocker**

(10) Irving used this pen name in the title of his best-known book, The Sketchbook of .

Answer: **Geoffrey Crayon**



6. Given the year of an NCAA men's basketball tournament, identify the runner-up for 15 points. You'll get only five if you need the team they lost to in the championship game.

(15) 1982

(5) North Carolina

Answer: **Georgetown Hoyas**

(15) 1966

(5) University of Texas-El Paso, then known as Texas Western

Answer: **Kentucky Wildcats**

7. Identify the following fictional planets FTP each.

(10) This is the out-of-the-way world Hari Seldon selects to be the home of the First Foundation in an Isaac Asimov series.

Answer: **Terminus**

(10) Thread falls on this world whenever its companion planet comes too close; fortunately for the inhabitants of this Anne McCaffrey creation, dragons and skilled riders combat the threat.

Answer: **Pern**

(10) On this Orson Scott Card world whose two moons are Freedom and Dissent, the Mueller family sells their excess limbs and the Nkumai their faster-than-light technology to the Ambassador machines for iron with which to build a spaceship.

Answer: **Treason**

8. For five points each, name the six stars that constitute the Summer Triangle and the Winter Triangle.

Answers: **Vega, Altair, Deneb, Rigel, Betelgeuse, and Sirius**

9. Given one or more varieties of insects, identify the order within the class Insecta to which they belong FTP each.

(10) wasps and ants

Answer: **Hymenoptera**

(10) grasshoppers and crickets

Answer: **Orthoptera**

(10) dragonflies

Answer: **Odonata**

10. Answer the following questions about a certain particle on a 5-10-15 basis.

(5) What particle, which is named for the man who predicted it, is a spin-zero particle with non-zero mass? It hasn't been found yet, but it is thought that larger accelerators will find it since the *w* and *z* bosons have already been found.

Answer: **Higgs Boson**

(10) The Higgs Boson was predicted to exist in the Salam-Weinberg model of which gauge theory?

Answer: **electroweak theory**

(15) What particle, which was put forth in a theory of the same name, was a spin-zero, massless particle that could take on mass to become a Higgs Boson?

Answer: **Goldstone Boson**

11. Identify the following former athletes who are now politicians, none of whom is Jesse "The Body" Ventura, 5-10-15 each.
- (5) An Oklahoma Republican, this conservative former Seattle Seahawk wide receiver who lost a bid to unseat Dick Armey as majority leader.  
 Answer: **Steve Largent**
- (10) The only member of Congress ever to have pitched a perfect game in the major leagues, this Kentucky Republican defeated former University of Kentucky basketball player Scotty Baesler in a close 1998 election for a U.S. Senate seat.  
 Answer: **Jim Bunning**
- (15) An Olympic silver medal winner in the 1500 meters at the 1968 Olympics, this Republican won re-election in Kansas' second congressional district.  
 Answer: **Jim Ryun**
12. Identify the English Romantics from lines of their poetry FTP each.
- (10) "What immortal hand or eye/Dare frame thy fearful symmetry?"  
 Answer: **William Blake** ("The Tyger")
- (10) "She lived unknown, and few could know/When Lucy ceased to be;"  
 Answer: **William Wordsworth** ("She Dwelt Among the Untrodden Ways")
- (10) "I made a Garland for her head,/And bracelets too, and fragrant Zone,/She looked at me as she did love/And made sweet moan."  
 Answer: **John Keats** ("La Belle Dame Sans Merci")
13. Identify these women of dance for fifteen points each:
- (15) She lived from 1919-1991 and was a prima ballerina for the Royal Ballet of Great Britain; she was famed for performance with partner Rudolf Nureyev.  
 Answer: **Margot Fonteyn**
- (15) This ballet pioneer toured with the Ballets Russes before forming her own company, which introduced ballet to millions worldwide. She also choreographed "Snowflakes" and "Autumn Leaves."  
 Answer: **Anna Pavlova**
14. The film *Public Enemies* had a not-so-memorable cast. Identify these third-rate actors who appeared in it FTP each.
- (10) This actor has appeared in such films as *Best of the Best*, *Power 98*, and *American Strays*. He played the role of a prison guard in *Public Enemies*. In a moving episode of *South Park*, the town was forced to eat him.  
 Answer: **Eric Roberts**
- (10) This stellar actor played the role of an FBI agent in *Public Enemies*. He was in the cable TV version of Shirley Jackson's *The Lottery* as well *At First Sight* but this chump will always be remembered as the host of an MTV show.  
 Answer: **Dan Cortese**
- (10) This Hollywood parasite lives off of his brother's fame and reprised the role of Alvin Karpis in *Public Enemies*. Since none of his performances are worth mentioning we will list some of his brother's films: *Cobra*, *Over the Top* and *Stop or My Mom Will Shoot*.  
 Answer: **Frank Stallone**  
 (Theoretical bonus points if team says; "You guessed it, Frank Stallone")

15. Answer the following about corporations angling to seize control of the rapidly growing electronic commerce industry FTP each.

(10) This Virginia-based ISP recently switched news service providers from ABC News to CBS.

Answer: **AOL or America Online**

(10) German publishing giant Bertelsmann AG has purchased 50 percent of this online book retailer after having failed to acquire the larger Amazon.com.

Answer: **barnesandnoble.com** (prompt on just Barnes & Noble)

(10) This portal was recently purchased by NBC and is hawked on that network incessantly.

Answer: **snap.com**

16. Answer the following about the abolition of slavery and subsequent events in Brazil for the stated number of points.

(10/5) FTP exactly and five for within three years, in what year was slavery abolished in Brazil?

Answer: **1888** (accept, for 5 points, any other year between 1885 and 1891 inclusive)

(10) FTP, name the emperor of Brazil in whose name his daughter signed the charter abolishing slavery; he fell from power one year later.

Answer: **Dom Pedro II or Peter II**

(10) FTP, name either of the two Brazilian provinces that came to dominate Republican politics after the fall of Pedro II; one is named after a large Brazilian city and the other had been the center of an 18th-century mining boom.

Answer: **São Paulo and Minas Gerais**

17. FTP each, name the current presidents of the following countries.

(10) Argentina

Answer: **Carlos Saul Menem**

(10) Indonesia

Answer: **B. J. Habibie**

(10) Republic of Congo

Answer: **Laurent Kabila**

18. Answer the following about Reconstruction and the impeachment of Andrew Johnson FTP each.

(10) One of Johnson's first acts to anger Radical Republicans was the veto of a bill extending the life of this organization which negotiated labor contracts, built schools, and provided food to both needy black and white Southerners.

Answer: **Freedmen's Bureau or Bureau of Refugees, Freedmen, and Abandoned Lands**

(10) Johnson aroused the further ire of Radicals when he canvassed the South, making stump speeches against its ratification. Some of its less contentious provisions declared the Confederate war debt null and void and barred former Confederates from holding office.

Answer: **Fourteenth Amendment**

(10) The House impeached Johnson in 1868 for violating this law when he fired Secretary of War Edwin M. Stanton.

Answer: **Tenure of Office Act**



19. Answer the following about Italian Renaissance sculptors FTP each.

- (10) His masterpiece was an equestrian monument of Bartolommeo Colleoni; however, this Florentine is better known to history as the trainer of Leonardo da Vinci.

Answer: **Andrea del Verrocchio**

- (10) This sculptor reclaimed the classical stance known as the contrapposto for his 1411-13 "St. Mark"; he also did St. George and an unnamed prophet known as "Zuccone."

Answer: **Donatello or Donato di Niccoló di Betto Bardi**

- (10) He was a contemporary of Verrocchio, and his "Hercules and Antaeus" is his best-known surviving sculpture; he was also responsible for the engraving "Battle of Ten Naked Men."

Answer: **Antonio del Pollaiuolo**

20. FTP each, answer these questions about the languages of India.

- (10) Although there are 15 national languages recognized in the Indian constitution, this is the one official language of India.

Answer: **Hindi (NOT Hindu or Hinduism, NOT Urdu)**

- (10) Grammatically similar to Hindi, this is the state language of Jammu and Kashmir and is the language adopted by the majority of Muslims in India. It is written in the Persio-Arabic script.

Answer: **Urdu (NOT Arabic NOT Kashmiri)**

- (10) This 2000-year old Dravidian language spoken by about 65 million people in the southern part of India is also, along with Sinhala, one of the two national languages of Sri Lanka.

Answer: **Tamil**

21. For the stated number of points, answer these questions about some of the more interesting guest hosts on the NBC television show *Saturday Night Live*.

- (10) This guest host gained cult fame as the star of the show *Mary Hartman, Mary Hartman*; but when she arrived on the *SNL* set in 1976, she appeared to be on the verge of a nervous breakdown.

Answer: **Louise Lasser**

- (10) A veteran of stage and screen, this comedian who turned 90 years old in 1998 hosted what producer Lorne Michaels considers the worst *SNL* ever and has never been repeat.

Answer: **Milton Berle**

- (5/5) Although *SNL* is normally broadcast live, on two occasions the show has been broadcast with a 7-second delay because of the reputations of the hosts for using profanity. For five points each, name these two comedians, one who hosted in 1975, and one in 1990.

Answer: **Richard Pryor and Andrew Dice Clay**

22. Given the island in a body of fresh water name the state for fifteen; you'll only get five if you need a better known geographic feature.

- (15) Wizard Island

- (5) Mt. Hood

Answer: **Oregon**

- (15) Isle Royal

- (5) The Upper Peninsula

Answer: **Michigan**

23. Name the losing commander of the following Revolutionary War battles FTP each.

(10) Camden, 1780.

Answer: Horatio **Gates**

(10) Saratoga, 1777.

Answer: John **Burgoyne**

(10) Manhattan, 1776.

Answer: George **Washington**

24. Name these ancient gods of the Near East for the stated number of points.

(5) He was the storm god of the ancient Caananites, and Elijah destroyed 450 of his priests.

Answer: **Baal**

(5) He slew Tiamat in the "Enuma Elish."

Answer: **Marduk**

(10) This sister of Baal resurrected him.

Answer: **Ishtar**

(10) The father of Marduk, this god warns Gilgamesh of the upcoming flood.

Answer: **Ea**

25. Answer the following questions about Sikhism for the stated number of points.

(10) What is the name of the faith's sacred text?

Answer: the **Adi Granth**

(10) How many Gurus were there?

Answer: **10**

(10) For five points each, name the region of South Asia, also famous for five rivers, that gave rise to Sikhism, and name their holy city, stormed by Indira Gandhi's forces in 1984.

Answer: The **Punjab** and **Amritsar**