

1. Most scholars believe he was born in the far western provinces, sometime during the T'ang dynasty, but eventually his travels took him to the court of the emperor, where he became known as part of a group at court called "The Eight Immortals of the Wine Cup." Chinese folklore says he died in 762 while boating drunk, when he tried to embrace the reflection of the moon in the lake. For ten points, name this poet, called Rihaku by the Japanese, who gained fame in the Western Hemisphere when his works were translated into English by imagists like Ezra Pound, and later into Spanish by Octavio Paz.

Answer: **Li Po**

2. In 1838, he described his concept of a new science that would discover the laws of human society by using factual investigation. He argued that an empirical study of historical progress reveals a law of three stages that govern human development. FTP-name this founder of sociology, who analyzed these stages in his six-volume *Course of Positive Philosophy*.

Answer: Auguste **Comte**

3. One in 100 women require surgery to stop the bleeding, but generally it is 92-95.5% effective. According to opponents, one US woman nearly bled to death during trials, but the Food and Drug Administration has approved it after ten years of debate and study. Working by blocking receptors of progesterone, FTP, what controversial pill has been described as being "as revolutionary as the birth control pill" by the President of Planned Parenthood.

Answer: **RU-486** or **mifepristone**

4. She was said to be the daughter of Re (RAH), and in her cult center at Dandarah in Upper Egypt, she was worshiped along with Horus. But she stood on her own throughout much of Egypt and abroad, for she was the patroness of foreign lands. She was especially important to women, who wanted to be assimilated with her in the next world, just as men wanted to become Osiris. Her role as the goddess of women, fertility and love prompted the Greeks to associate her with their own goddess, Aphrodite. FTP, identify this ancient Egyptian goddess usually represented in the form of a cow.

Answer: **Hathor** or **Athyr** or **Set Hathor**

5. This medical phenomenon is most often found in pilots of high performance aircraft, as it can very easily be induced by maneuvers such as outside loops. The exact cause is the negative g-forces experienced in such maneuvers. FTP, what is this occurrence, possibly more dangerous than blackouts because the human body can withstand the positive G's that cause blackout far better than negative G's.

Answer: **redout**

6. During World War I she established American hostels and started an employment agency and day nursery for refugees. War experiences led to her 1918 novel *The Marne* and 1923's *A Son at the Front*, but after a trip to Africa she returned to what she wrote best, tales of social snobbery in high society. FTP, name this author whose career took off with *The House of Mirth* but who won a Pulitzer Prize for 1920's *The Age of Innocence*.

Answer: Edith **Wharton**

7. Born in England in 1874, he earned a living as a trombonist, conductor and most importantly a composer. In 1910, he composed the first of his two suites for military band. Today, his suites, which are based on English folk tunes, continue to serve as cornerstones of the wind band repertoire. FTP, name this composer who is best known for his seven-movement orchestral suite, *The Planets*.

Answer: Gustav **Holst**

8. He's played a Kennedy twice, starring as Robert in a 1974 miniseries *The Missiles of October* and John in the 1983 miniseries *Kennedy*. He's played a Presidential staffer twice, starring as Nixon counsel John Dean in the 1979 miniseries *Blind Ambition* and as Chief of Staff in 1995's *The American President*. Of late

he's portrayed a wise talking, no nonsense New Hampshire native taking on the Oval Office. FTP, identify him, currently starring as President Josiah "Jeb" Bartlet on NBC's *The West Wing*.

Answer: **Martin Sheen**

9. If two or more chemical equations are combined by addition or subtraction to give another equation, then adding or subtracting changes in enthalpies for these equations in the same way gives the enthalpy change associated with the resultant equation. FTP, name this law in Chemistry.

Answer: **Hess's Law**

10. It begins at the base of Yagradagze Mountain, then snakes north to Hekouzhen in Inner Mongolia before going south through the provinces of Shanxi, Shandong and Henan and across the North China plain, emptying into the Gulf of Bohai. As it reaches the lowlands, deposited sediments raise its bed 10 feet above the surrounding floodplain, and since 200 A.D. a system of levees has been employed to contain it. In 1939 its levees were deliberately destroyed to halt the Japanese advance into China, and the resulting flood took more than 900,000 lives. FTP, identify this river of northern China whose name comes from the ochre-colored loess it carries.

Answer: **Yellow River or Huang He**

11. The first person narrator never tells us his name, but he lets us follow him through the streets of the capital as he grows more and more trapped in poverty, pawning a blanket, the buttons from his coat, and eventually the coat itself for just enough money to eat. He wishes to be a writer and composes articles like "Crimes of the Future" but is unable to get paid more than a few kroner for his efforts. For ten points, name this Knut Hamsun work in which the protagonist escapes starvation in the city of Christiania by gaining employment on a ship bound for England.

Answer: **Hunger**

12. She was born as Isabella Van Wegenen circa 1797, but took her more famous name in 1843. Given her freedom by New York State's emancipation law in 1828, she turned to preach abolitionism throughout the country and, later, women's rights. President Lincoln eventually received her in the White House in 1864. FTP, name this charismatic orator famous for her line "and ain't I a woman?"

Answer: **Sojourner Truth**

13. Looking for a country to grant asylum to his former spy chief, Vladimiro Montesinos, who lies at the heart of a major corruption scandal, he's planning to meet with several foreign dignitaries. However, a defector to his camp has insisted of late that upon returning home, a military coup will await. Insisting that elections next spring will be lawful, FTP, what leader nonetheless has struggled of late with the Organization of American States over how to make the impending transfer of power orderly and legal in Peru?

Answer: **Alberto Fujimori**

14. This 1875 painting was rejected for an exhibition in Philadelphia because it was considered harshly realistic. The monumental painting, which is 96 by 78 inches, is set in a surgical amphitheater and depicts an operation for osteomyelitis of the femur. Among those watching the surgery are disinterested medical students, the surgeon's son and a female relative of the patient, who can't bear to watch the operation. FTP-name this painting, considered to be one of Thomas Eakins' best.

Answer: **The Gross Clinic**

15. He claims to have blown a .71 on a breathalyzer test during his recent "All Drinking" show backstage at the MTV Video Music Awards, but the possibility of such a result has been disputed. With his contract expiring on December 31st, rumor has it he may give up his reported \$17 million per year salary to focus on his creative projects, the upcoming cartoon *Wasteland* and the FX comedy *Son of the Beach*. On in over 50 markets, FTP, what King of All Media recently stated that despite other offers, he'd like to keep exploring the boundaries of radio.

Answer: **Howard Stern**

16. It is mathematically defined as the gravitational constant, doubled, multiplied by mass, divided by the speed of light squared. For a mass the size of a human being, it is about 10-23 cm, smaller than the nucleus of an atom. For a typical star, however, it is about 2 miles. Below this distance, the gravitational attraction between particles in an object would cause it to undergo gravitational collapse. Simply put, it is the radius of the event horizon of a black hole. FTP, identify this value named after the German astronomer who first predicted the existence of black holes in 1916.

Answer: **Schwarzschild radius**

17. In June of 1943, the *USS Eldridge*, a destroyer, was reportedly loaded with sophisticated electronic equipment. About a month later, the equipment on the ship was supposedly powered up, and witnesses claimed to see the *Eldridge* become enveloped in a green fog and slowly fade out of site. When the ship reappeared a few minutes later, the members of the ship's crew apparently felt disoriented and nauseous. For ten points, give the name of the unconfirmed American experiment that was supposed to make a ship invisible to radar, but, according to witnesses, produced very mysterious results on several occasions, such as the one described above.

Answer: **Philadelphia Experiment or Project Rainbow**

18. Born in 1957, he was trained to be a classical musician as a child. At around the age of twenty, he began playing in rock groups and began his solo career in 1982. His first album, *Einzelhaft*, was popular in Germany and gained some attention in the US. Success came with his third album, which was released in 1986 and featured the international hit *Rock Me Amadeus*. FTP give the name of the performer who died in 1998 and was the most successful pop act to ever come out of Austria.

Answer: **Falco**

19. This pragmatic Chinese reformist encouraged political freedom beyond that granted by Deng Xiaoping [jow-PING], as he was Deng's designated successor. When students took to the streets supporting his position, therefore, he was hesitant to suppress the rebellion, and was dismissed by Deng, who wanted to consolidate the power of the Communist Party. For 10 points, name this former general secretary, whose death in April 1989 set off a series of student demonstrations in Tiananmen Square.

Answer: **Hu Yaobang**

20. 100 were killed by warplanes, then 400 more by ground troops. Although it was supposed to be a hamlet for civilian refugees, it may have turned into one of the most dreadful scenes of the Korean War. Army Secretary Louis Caldera has insisted that the report on this South Korean site won't be released in time for the November elections, but, FTP, the Defense department may take heat for delays in compiling evidence that US soldiers massacred helpless Koreans at what site in July 1950.

Answer: **No Gun Ri**

21. When the Titanic sank, this vessel played a valiant role, rescuing 706 survivors and delivering them to New York. She was later sunk, torpedoed by a German U-Boat in World War I. Marine salvager Graham Jesop believes he has found her wreckage 185 miles west of England's southwestern tip. FTP, name this vessel.

Answer: **Carpathia**

22. French Prime Minister Lionel Jospin called them small and said they would hold nothing back. In a vote that resembled their 1992 rejection of the Maastricht Treaty, 53.1% of voters marked no at the polls on September 28th, keeping the krone as the currency of choice and allowing them to join Sweden and Britain as the only nations to reject a common currency. FTP, identify the nation that with its latest referendum has further slowed the progression of the Euro.

Answer: **Denmark**

Northwestern Bonuses

1. Name the type of isomer, given a description. 5-10-15

a. (5) These isomers include cis- and trans- types

Answer: **structural** isomers

b. (10) This type of isomer is also called enantiomer or chiral molecules.

Answer: **optical** isomers

c. (15) The states of this type of isomer include: eclipse, total eclipse, gauche (goash), and anti

Answer: **conformation** isomer or **confomer**

2. Identify these Republican Senators in trouble in November, 10PE.

a. Standoffs with a pro Indian lobby and strong primary support for his opponent have led to a belief that this Washington Senator could be upset.

Answer: Slade **Gorton**

b. This Michigan Senator is leading his opponent despite polls over the summer that showed 40% of his constituents had never heard of him.

Answer: Spencer **Abraham**

c. This Delaware Senator faces tough competition from Governor Tom Carper

Answer: William **Roth**

3. In the 1995 movie "Batman Forever," psychologist Chase Meridian marvels at "a grown man who dresses like a flying rodent," to which Batman indignantly responds, "Bats aren't rodents." See if your knowledge of bats is any better than Dr. Meridian's, for ten points each.

a. Bats aren't rodents, but rather members of this order of flying mammals that includes Old and New World bats and flying foxes.

Answer: **Chiroptera**

b. Contrary to popular belief, not all bats are blind; only those of the suborder Microchiroptera use sonar to navigate. This sound wave effect allows these bats to navigate, when they emit multiple sound frequencies and measure the change in the perceived frequency due to their relative motion.

Answer: **Doppler** effect or shift

c. This Texas city is home to millions of Mexican free-tailed bats. Their nightly exodus from the Congress Avenue bridge in search of food is a major tourist attraction, and the creatures have even lent their name to the local minor-league hockey team.

Answer: **Austin, Texas**

4. FTP each, name the Beecher, none of whom is Harriet Beecher Stowe.

a) As pastor of Brooklyn's Plymouth Church, his affair with Elizabeth Tilton scandalized the entire Beecher family.

A: **HENRY** Ward BEECHER

b) The eldest of the Beecher children, she founded the Western Female Institute of Cincinnati and co-authored The American Woman's Home with sister Harriet Beecher Stowe.

A: **CATHERINE** BEECHER

c) A late-comer to the American women's suffrage movement, she was an active member of the National Woman Suffrage Association and a good friend of both Susan B. Anthony and Elizabeth Cady Stanton.

A: **ISABELLA** BEECHER Hooker

5. A nameless "whisky priest" makes a desperate run for the border when an anti-clerical purge by the government finds him the last priest in the country and the subject of an extensive manhunt that inevitably chases him down just as he's about to reach safety.

a. For ten points each, name the title and author of this 1940 novel.

Answers: ***The Power and the Glory*** and **Graham Greene**

b. For an additional ten points, name the country whose Guerra Cristera (GARE-ah crees-TARE-ah) provides the premise for the priest's flight.

Answer: **Mexico**

6. 30-20-10 Identify the politician

a. (30) When asked by a reporter how far he would go to keep the peace in response to the kidnapping of a provincial minister and a diplomat by separatists, he replied "Just watch me."

b. (20) He wore sandals to Parliament and dated Barbra Streisand and Margot Kidder, and his marriage to Margaret Sinclair broke up due to her scandalous partying with the Rolling Stones.

c. (10) Defeating 19 other candidates to become his party's leader in 1968, he became Prime Minister of Canada, a position he held for over ten years, lost, and then regained.

Answer: Pierre **Trudeau**

7. Although the Latin explosion has decreased in the year 2000, this year has still seen examples of its appeal to artists. FTSNOP, identify the artist or artists who have dabbled with the language barrier.

a. (5) Hot on the heels of her latest single "Come On Over," she has released a Spanish language album, entitled "Mi Reflejo"

Answer: Christina **Aguilera**

b. (10) They've been the first of the recent boy bands to dabble in Spanish with the song "Give Me Just One Night (Una Noche)," the first single off their newest album.

Answer: **98 Degrees**

c. (15) She won three times at the 1st Annual Latin Grammy Awards and has gone blonde in preparation for her first English language album, hoping to build off the Spanish-American radio success of such songs as Ojos Asi and Donde Estan Los Ladrones.

Answer: **Shakira**

8. Here are four election systems - First past the post, list, two vote, or single transferable vote? On a 10-5 basis, I'll name a country, you tell me which electoral system they use.

a. For 10, Austria and Belgium

For 5, Greece and Spain

Answer: **list system**

b. For 10, India and Chile

For 5, US and Canada

Answer: **first past the post**

c. For 10, Malta, several state level US elections

For 5, Australia and the Republic of Ireland

Answer: **single transferable vote**

9. Given a list of characters from a short story by F. Scott Fitzgerald, name the short story for the stated number of points.

a. (5) Warren McIntyre, Marjorie Harvey, Cousin Bernice

Answer: **Bernice Bobs Her Hair**

b. (10) Charlie Wales, Marion Peters, Honoria Wales

Answer: **Babylon Revisited**

c. (15) Ardita Farnam and Toby Moreland (known through most of the story as Curtis Carlyle)

Answer: **The Offshore Pirate**

10. The Himalayas may be the "roof of the world," but the Western Hemisphere has some significant mountains of its own. Identify these notable peaks of the Americas for ten points each.

a. This 19,524 foot mountain, located in the southwestern Yukon Territory, is the highest peak in Canada and the second highest in North America.

Answer: **Mount Logan**

b. This volcanic mountain in southern Mexico is the highest in the country, and the third highest peak in North America.

Answer: **Citlaltepetl** or Pico de **Orizaba**

c. At a staggering height of 22,834 feet, this mountain in western Argentina is the highest peak in the Western Hemisphere.

Answer: **Mount Aconcagua**

11. Answer the following about the recent IMF and World Bank joint meetings for the stated number of points.

a. For 5, which city held the meetings?

Answer: **Prague**

b. For another 5 each, which two cities had their joint meetings spoiled by extreme violence/

Answers: **Seattle** and **Washington DC**

c. For 15 points, name the IMF Director who guided this year's talks smoothly through the Czech protests.

Answer: **Horst Koehler**

12. 30-20-10, name the treaty.

a. (30): Signed in 1555, it signified a victory for Lutheranism by allowing each state in the Holy Roman Empire to decide on its own religion, though no individual religious freedom was allowed.

b. (20): It brought about the end of the Schmalkadic War, in which Germany had deteriorated into civil struggles between Catholic and Protestant states.

c. (10): It only recognized Catholicism and Lutheranism as legitimate religions, but its terms were renewed by the later Peace of Westphalia, and Calvinism was added as a recognized religion.

Answer: **Peace of Augsburg**

13. Sure, the thunderbolts were nice, but Zeus' reputation was probably best established through his frequent encounters with beautiful women who caught his eye, much to the shagrin of his wife, Hera. For the stated number of points, identify these consorts of the king of the gods.

a. For 5 points, Zeus' encounter with this goddess of agriculture, who also happened to be his sister, resulted in the birth of an ill-destined daughter, Persephone.

Answer: **Demeter**

b. For 10 points, Zeus had a liason with this mortal daughter of Cadmus, producing a son, Dionysus. A jealous Hera convinced her to ask to see Zeus in all his glory, and as Zeus had promised to fulfill his lover's every wish, he obliged. The sight of the thunder god promptly killed her.

Answer: **Semele**

c. For 15 points, Zeus approached this mortal princess in the form of a swan, and their affair produced the twins Castor and Pollux. By her mortal husband Tyndareus she also had a daughter, Clytemnestra, the eventual wife of Agamemnon.

Answer: **Leda**

14. As the curtain opens, the two title characters sit onstage flipping two sacks of coins which land heads up seventy-six times in a row, FTPE.

a. Name the play.

Answer: ***Rosencrantz and Guildenstern are Dead***

b. Give the author of *Rosencrantz and Guildenstern Are Dead*.

Answer: **Tom Stoppard**

c. Name the Best Picture Oscar-winning movie for which Stoppard co-wrote the screenplay.

Answer: ***Shakespeare in Love***

15. Identify the following important concepts in algebra, FTSNOP.

a. (5) This is comprised of a set A and two operations + and * (times), so that it is an Abelian group under addition and a semigroup under multiplication. It has left and right distributivity of multiplication over addition.

Answer: **ring**

b. (10) This subset A of a ring R is an additive group with that property that for x in R and y in A, xy and yx are members of J. An example of this sort of set is the even integers in the ring of integers.

Answer: **ideal**

c. (15) This is a kind of ring where every element is idempotent. In other words, $x^2 = x$ for all x.

Answer: **Boolean ring**

16. From the Tomahawk cruise missile to the space shuttle Columbia, where would we be without rockets? For 15 points each, identify these scientists vital to the development of early rocketry.

a. This British munitions expert built the first military rockets in 1805, attaching a 16-foot-long stabilizing guide stick to increase their accuracy. His rockets were used against Copenhagen and Danzig during the Napoleonic Wars, and they inspired many European countries to form rocket corps.

Answer: **Sir William Congreve**

b. This German physicist invented liquid-fueled thrust rocket engines, initial models of which could reach vertical heights of more than 1.5 miles. Working for the German military, his most famous creation was the V-2 guided missile, developed during WWII.

Answer: **Wernher von Braun**

17. Name the writer from works, 30-20-10.

a. (30) "Sonnet To Science," "The Happiest Day," "The City in the Sea"

b. (20) "To One in Paradise," "To Helen," "Ululame"

c. "The Conqueror Worm," "Israfel," "Eldorado"

Answer: **Edgar Allan Poe**

18. Answer the following about the Tennessee Valley Authority (TVA) for ten points each:

a. The bill creating the TVA was signed by what president?

Answer: **Franklin Roosevelt** (or FDR or F. Roosevelt)

b. One famous accomplishment of the TVA was the building of a dam at Muscle Shoals in what state?

Answer: **Alabama**

c. During World War II, the TVA supplied electricity to the federal atomic energy plant in what Tennessee city?

Answer: **Oak Ridge**

19. I'll give you a set of years in the 20th Century, you name the British Prime Minister, 10 points each, 5 if you need the party.

a. (10) July 26, 1945-October 26, 1951

(5) Labour

Answer: Clement **Attlee**

b. (10) June 19, 1970-March 4, 1974

(5) Conservative

Answer: Edward **Heath**

c. (10) April 5, 1976-May 4, 1979

(5) Labour

Answer: James **Callaghan**

20. Answer these questions about everyone's favorite fine art for 5-10-15 points:

A. Ballet has this many specific numbered feet positions, which form the basis of almost all ballet steps.

Answer: **5**

B. For this pose, the dancer stretches one leg straight out to the back and usually one arm out to the front. The back leg may be on the floor or at 45, 90, or 135 degrees.

Answer: **arabesque**

C. A movement in which the working leg is brushed vigorously either forward or backward. Then, the inertia of the leg is used to turn the body around, so that the body turns 180 degrees away from the leg, which remains where it was.

Answer: **fouetté**

21. Identify these capitals of ancient Egypt for the stated number of points.

a. For 5 points, this city located near modern-day Luxor served as the royal capital during both the Old and New Kingdoms. It was the center for worship of Amon, and both the Valley of the Kings and the Great Temple of Amon at Karnak were located here.

Answer: **Thebes**

b. For 10 points, this city just south of modern-day Cairo was the royal capital during the early Old Kingdom and again for most of the Middle Kingdom. Many monuments of the 3rd and 4th dynasties, including the Pyramids of Giza, were built here.

Answer: **Memphis**

c. For 15 points, this city was the capital during the controversial reign of Akhenaton, built in order to worship the sun god Aton. It was fully occupied only during Akhenaton's reign, and was abandoned when the capital was reestablished in Thebes four years after his death.

Answer: **Akhetaton** or Tell El-**Amarna**

22. It took Otto von Bismarck years to unify the states of Germany, but it'll only take this question a few minutes to break it apart again. For the stated number of points, identify these German states.

a. For 5 points, this largest German state encompasses the entire southeast portion of Germany. Always independently-minded, the inhabitants of this state are largely agrarian and more conservative than Germany at large. Its largest city is Munich.

Answer: **Bavaria**

b. For 10 points, this populous central state is Germany's most important industrial area, and is home to the cities of Dusseldorf and Bonn. Its name combines the major river valley which supports German industry, and the region which lent its name to a monumental 1648 treaty.

Answer: **North Rhine-Westphalia**

c. For 15 points, this state, sandwiched between the Elbe River and the Danish border, has long been torn between Germany and Denmark. In reality two states fused into one, the present border was established after World War II. Its major cities include Kiel, Lubeck and Flensburg.

Answer: **Schleswig-Holstein**