

Tossup (Science)

With scientific name Strix occidentalis, it can have a wingspan of over one metre. It is found along the edges of the Western Sierra and Cascade ranges; the Rocky Mountain population is sometimes defined as a subspecies. Living almost exclusively in mature timber stands, this animal was useful as a proxy for environmentalists who wanted to protect old growth forests. FTP, name this bird that was the focus of clashes between loggers and environmentalists in the 1980's.

Answer: Spotted Owl (Northern, California, or Rocky Mountain / Caurina)

Tossup (Science)

Aliasing occurs when this critical number is not exceeded; high frequency signals become reversed and "flip" over the sampling frequency. A sampling frequency of greater than this frequency, the highest- frequency component of the signal, is thus needed for perfect reproduction of the original signal. FTP, name this critical number named for a Canadian engineer

Answer: Nyquist Frequency

Tossup (Science)

Consisting of only one simple machine, many first-year mechanics students believe this device must have been invented to torture them with calculations of tension, acceleration, and final velocity. In fact, it is a concise demonstration of Newton's second law, and is useful for measuring little g. FTP, identify this creation of an unidentified physicist, consisting of two different masses connected by a massless string passing over an ideal pulley.

Answer: Atwood's Machine

Tossup (Science)

Formed when phosphorous pentoxide is used as a dessicating agent, this compound is used in dental cements, the sugar and textile industries, as a flavoring agent, and as a component of many fertilizers. In its pure form, it is a crystalline solid up to 108 degrees Fahrenheit, but most chemists know it in dilute form as a syrupy liquid. FTP, name this ingredient in Coca-Cola with formula H_3PO_4 .

Answer: Phosphoric Acid

Tossup (History)

It crossed the Red, Washita, Canadian, Cimarron, and Arkansas Rivers, leaving its travelers so wet that some ranchers called them "sea lions." For ten points, name the trail with its endpoint at Abilene, Kansas, arguably the most famous cattle trail of the Old West.

Answer: Chisholm Trail

Tossup (History)

This Chinese dynasty saw the improvement of canals, ironworking, and philosophy as well as a shift of population to the south. Its downfall led to civil war and a series of barbarian invasions from the steppes. For ten points, name the dynasty which reigned from 206 BC to AD 220, famed for its wars along the Gobi frontier and in Central Asia.

Answer: Han Dynasty

Tossup (History)

Ships and money were contributed by members, and buildings such as the Propylaea and the Parthenon used tribute for their construction. It later became the foundation of the Athenian empire, and when Sparta tried to secede, Athens sold its people into slavery. FTP, identify this defensive union of eastern city-states, formed in 477 B.C. to combat Persian attacks.

Answer: the Delian League

Tossup (History)

Born in Kashmir of the Brahmin caste in 1889, he became a westerner when, at the age of 15, he attended England's Harrow School and at 17 entered Cambridge. His political career began in 1916 when he joined a move for independence and was imprisoned nine times, the longest from 1942 to 1945. Later, as minister of atomic energy, minister of both foreign and economic policy, a democrat and socialist, he became the most powerful person in his country. FTP, name this head of the Congress Party till his death in 1964 and first prime minister of India.

Answer: Jawaharlal Nehru

Tossup (Literature)

A collection of oral legends, history, satire on feudal rule, and pure fiction, its most definitive version was published in 1592 by Wu Ch'eng-en. It is based on the true story of the monk Xuan Zang (also known as Tripitaka), who traveled to India in the seventh century to retrieve the Sutras. FTP, name this classical Chinese novel that often is remembered more for Xuan Zang's disciples Sandy, Pigsy, and the Monkey King.

Journey to the West (accept translational equivalents; also, The Monkey King on early buzz)

Tossup (Literature)

Late in life, he became a hypochondriac and ceased writing following the critical response to two of his odes. The reaction had deeply disappointed him despite the quality of his earlier works such as "Hymn to Adversity" and "Sonnet on the Death of Mr. Richard West." For ten points, name the 18th-century poet most famous for his "Elegy Written in a Country Church Yard."

Answer: Thomas Gray

Tossup (Literature)

An old , absent-minded but big-hearted scholar-archaeologist kidnaps from a harsh, abusive school Jeanne [ZHANN] Alexandre, the daughter orphaned by his former love. Troubles ensue, but when Jeanne's guardian is found to be an embezzler, she becomes the legal ward of her kidnapper. FTP, identify this 1881 French novel of Anatole France, in which the kidnapping by the archaeologist figures titularly.

Answer: The Crime of Sylvester Bonnard

Tossup (Literature)

Encompassing the earliest mythological period to the 18th century, these often fantastical poems include the cycle of Novgorod, the cycle of Kiev, and the cycle of Ivan the Terrible. FTP, identify these song-form epic poems of the Russian peasantry.

Answer: byliny

Tossup (Fine Arts)

This composer was a church organist for three years before obtaining a doctor of music from Cambridge in 1901. He composed in many genres, including the opera "Sir John in Love" which featured his song "Fantasia on Greensleeves", and the symphonies "A London Symphony" and "A Sea Symphony". FTP, name this composer who was often inspired by the folk songs of his native England.

Answer: Ralph Vaughan Williams

Tossup (Fine Arts)

The convex mirror reflects the entire scene. The dog represents faithfulness in marriage, while the candle shows the presence of God. Name the Italian merchant getting married and you'll name the 1434 Jan van Eyck painting featuring these objects.

Answer: Arnolfini or The Arnolfini Marriage

Tossup (Fine Arts)

Inigo Jones translated this man's Four Books of Architecture to enable this architect's style as the basis for eighteenth-century English Georgian architecture. Living from 1508-1580, he studied Roman architecture and incorporated it into his design for such buildings as the

first modern example of integrated landscape and building, the Villa Capra or Rotonda at Vicenza [vee-CHEN-zah], the church of San Giorgio Maggiore [Mah-JYOR-ray] at Venice, and the Palazzo [puh-LOTS-o] Chiericati [kee-air-uh-KAH-tee]. FTP, identify this Italian architect.

Answer: Andrea _Palladio_

Tossup (Fine Arts)

A bicycle in Paris. Binoculars in Los Angeles. A garden hose in Freiburg. A shuttlecock in Kansas City. A flashlight in Las Vegas. A bat in Chicago. A lipstick in New Haven. And a clothespin here in Philadelphia. All these objects are enlarged many times in the works of, FTP, what pop sculptor?

Answer: Claes _Oldenburg_

Tossup (Pop Culture/Sports / Sports)

Rapper Heather B released the single "All Glocks Down" and had a minor role in "Dead Presidents". Julie, the dancer from Alabama, continues to teach dancing and pursue acting. Model Eric produced several workout video tapes and was a TV show host on the same channel he first got his break on. These were three of the seven people in the first season of, FTP, what MTV experiment in social engineering?

Answer: The _Real World_

Tossup (Pop Culture/Sports/Sports)

It was the first movie to sweep the Academy Awards for Best Picture, Best Actor, Best Actress, and Best Director. For ten points, name the 1937 film starring Clark Gable and Claudette Colbert.

Answer: _It Happened One Night_

Tossup (Pop Culture/Sports)

Inspired by the Fellini film _La Dolce [dole-CHAY] Vita [vee-TAH], this film centers around a rat race for fame and popularity in paparazi-laden Hollywood. Featured are such notables already as Charlize Theron, Judy Davis, Melanie Griffith, Winona Ryder, River Phoenix, and Kenneth Branagh. FTP, identify this current film, Woody Allen's latest creation.

Answer: _Celebrity_

Tossup (Religion/Mythology/Philosophy)

It revises Johann Winckelmann's classical Greece of "noble simplicity and silent greatness" by tracing two opposed forces within ancient Greece: the neat, rational Apollonian versus the mysterious, chaotic Dionysiac. This treatise traces the decline of Greek tragedy from the

excessively Apollonian Euripides and Socrates and its development from the Dionysiac chorus itself. FTP, identify this long philosophical essay of Friedrich Nietzsche's, which looks to modern German music, particularly Richard Wagner's, as the impetus for a new tragic age.

Answer: The _Birth of Tragedy_

Tossup (Religion/Mythology/Philosophy)

He doesn't sleep, he can see in the dark, and he can hear sheep wool growing. Living in Himinbjorg [Him-in-byorg]], or the "heavenly mountains," this guardian of Norse mythology will kill and be killed by Loki at Ragnarok. FTP, identify the watcher of Bifrost, the rainbow bridge.

Answer: _Heimdall_

Tossup (Religion/Mythology/Philosophy)

The son of Amram and Jochebed, this biblical figure has two traditions surrounding his death: in Numbers, he is said to die on Mount Hor at the age of 123, while Deuteronomy asserts that he died in Moserah. FTP, identify the brother of Miriam and traditional head of the Jewish priesthood whose voice is done by Jeff Goldblum in the recent film, The Prince of Egypt.

Answer: _Aaron_

Tossup (Current Events)

In its first, 1985 incarnation, it was known as Q-Link and run by Quantum Computer Services. It allowed Commodore computer users to dial up servers and chat online with each other. Its first head of marketing was Steve Case, who would eventually launch the IBM PC version and become president of the renamed company. FTP, name this company which recently bought Netscape for four billion dollars.

Answer: _America Online_ or _AOL_

Tossup (Current Events)

A key mover behind the interstate highway system and a Southern liberal who took unpopular stands against segregation and the Vietnam War, this former Congressman and Senator once advised his son not to settle for the "dead-end street" of the "Number 2" position. FTP, identify this ninety-year old Tennessean who died this year and who is also father to our current vice-president.

Answer: Albert _Gore Sr._

Tossup (Geography)

Chekhov said that "if only those who liked it lived there, the island would be uninhabited." Once occupied by Gilyak and Ainu tribes, it was used as a penal colony by the Russian tsars

before being taken over by imperial Japan and renamed Karafuto. For ten points, name this long, narrow island between Hokkaido and the mouth of the Amur.

Answer: _Sakhalin_

Tossup (Geography)

Following its nineteenth century founding by the chief Moshoeshoe, this nation became a British protectorate entirely surrounded by South Africa. For ten points, identify the country in the Drakensberg range with its capital at Maseru.

Answer: _Lesotho_ (Accept: _Basutoland_ before "British")

Tossup (Social Sciences)

The coiner of the term "self-fulfilling prophecy", he was a theorist who argued that one of the causes of social deviance was the fact that deviants accept culturally-valued goals but lack socially-approved means of obtaining these goals. This anomie theory of crime was first outlined in, FTP, which sociologist's 1949 collection of essays titled "Social Theory and Social Structure"?

Answer: Robert King _Merton_

Tossup (Social Sciences)

This activity is proscribed principally by section 10(b) of the Securities Exchange act of 1934. An example might involve the purchase of a put option on her company's stock by the COO of a widget manufacturing company who was aware of a serious but unannounced defect in recently produced widgets. Most generally, it is unlawful for an officer or director of a corporation to trade in the securities of that corporation while using nonpublic material information related to that corporation. FTP, identify this crime, of which Ivan Boesky was convicted in 1986.

Answer: _Insider Trading_

Tossup (General Knowledge)

The name's the same: the first name of the sixteenth century Italian printer who invented the small, cursive form of chancery script we now know as italic, and, FTP, the computer company recently bought by Adobe that produced such graphics programs as PageMaker and Freehand.

Answer: _Aldus_ (Moderator: last name of the printer was Manutius)

Tossup (General Knowledge)

This company's web page describes it as "a multimedia communications company building a

high-capacity IP [eye pee] based fiber optic network for the 21st century. When fully deployed, this network will total over 18,000 miles of fiber linking over 130 cities, challenging the dominance of long-distance telephone carriers in the Internet backbone market. FTP, identify the Denver-based telecommunications firm which recently formed a strategic partnership with Microsoft.

Answer: _Qwest_ Communications

Tossup (General Knowledge)

Less common ingredients include angelica, coriander, cassia bark, cardamom, caraway, lemon peel, anise, fennel, and orange peel, in addition to the standard flavor imparted by juniper berries. FTP, identify this spirit, the social ravages of which are depicted in a William Hogarth engraving.

Answer: _Gin_

Tossup (General Knowledge)

A 1946 Humphrey Bogart / Lauren Bacall movie had a 1978 remake of the same name starring Robert Mitchum. Both based on a Raymond Chandler novel while only the original includes a writing credit for William Faulkner. FTP, identify the film in which Bogart, as detective Philip Marlowe, says "I haven't been here, you haven't seen me, and she hasn't been out of the house all evening."

Answer: The _Big Sleep_

Bonus (Science)

Answer these anatomy questions about my oral fixation FTP each.

1. The general term for a small fold of integument or mucous membrane that limits motion of a part, it describes the flap connecting tongue to oral floor.

Answer: Lingual _Frenulum_ or _Fren_ (or _Frenulum Linguae_, etc.)

2. This is the dangly bit that hangs from the back of your throat.

Answer: _Uvula_ of the Palate (or _Palatine Uvula_)

3. This passage connects the throat with the ear canal, allowing equalization of air pressure on either side of the eardrum.

Answer: _Eustachian_ Tube or _Pharyngotympanic_ Tube

Bonus (Science)

Identify the following thermodynamic cycles.

1. In theory, this is the cycle used in all cars, with two constant-volume processes and two isentropic processes.

Answer: _Otto_

2. More efficient than the Otto cycle, it can achieve theoretical (Carnot) efficiency thanks to regeneration across its two constant-volume processes. Heat is input and output isothermally. It is often used in external- combustion applications.

Answer: _Stirling_

3. This cycle is different from the Otto cycle because combustion occurs at constant pressure rather than constant volume.

Answer: _Diesel_

Bonus (Science)

Identify the specific organic isomer of the given formula described for the stated number of points.

5) Formula C_3H_8O , with a hydroxyl group attached to the middle carbon of a three carbon chain

Answer: _isopropyl alcohol_ or _isopropanol_ (accept _2-propanol)

10) Formula C_3H_4 , including a triple bond

Answer: _propyne_ [prop-eyen; do not accept prop-ene]

15) Formula C_5H_{12} , with four methyl groups attached to a central carbon atom

Answer: _neopentane_ (accept _2,2-dimethylpropane_)

Bonus (Science)

I'll give you a law of modern physics, and you give me the law from classical physics which follows from the correspondence principle. 15 points each

1) Planck's blackbody radiation law

Answer: _Wein's_ Law (do not accept Stefan-Boltzmann law, as that addresses intensity, not frequency distribution)

2) The Lorentz law of motion $m \frac{d^2x}{dt^2} = F$

Answer: _Newton's second law_

Bonus (History)

Political leaders during World War I often suffered through frosty relations with their commanders in the field. Identify these politicians, for ten points each.

1. The Welsh-born prime minister of Great Britain who battled with General Haig over strategy for 1917.

Answer: David _Lloyd George_

2. President of France whose brother was a famous mathematician, he was the unfortunate victim of Petain's remark that "nobody was better placed to be aware that France was neither led nor governed."

Answer: Raymond _Poincare_

3. This German chancellor was instrumental in the replacement of Erich von Falkenhayn as leader of the German armies.

Answer: Theobald von _Bethmann-Hollweg_

Bonus (History)

Name the Viking leaders for ten points each.

1. He was defeated by Harold of England at Stamford Bridge in 1066.

Answer: _Harald Hardrada_

2. This Danish king destroyed the English rule of Ethelred the Unready, but his son Knut consolidated the kingdoms.

Answer: _Svein Forkbeard_

3. Following Leif Ericson to Vinland, he outfitted a colonizing expedition equipped with three ships, 160 passengers, and livestock.

Answer: Thorfinn _Karlsefni_

Bonus (History)

From the Red Sea's mouth to the Senegal River, African peoples formed states "so similar that they must have been derived from a common source." For ten points apiece and a total of 30 for all three, answer the following questions about these Sudanic states.

(1) The greatest of early Sudanic civilizations, this state was founded in the fourth century A.D. on the caravan route to north Africa. At its height in the tenth century, it had a population of 30,000 and controlled land from the Atlantic Ocean almost to Timbuktu.

Answer: _Ghana_

(2) With the decline of Ghana, this empire grew, as Sundiata (1230-1255) firmly established it in the upper Niger Valley, where it became a Muslim kingdom.

Answer: _Mali_

(3) In the Lake Chad area, this kingdom was established and lasted 1000 years, until Europeans defeated it at the end of the nineteenth century. At its height, it was larger than France and Great Britain combined.

Answer: _Kanem-Bornu_

Bonus (History)

March 11, 1942, General Douglas MacArthur left the Philippines but vowed "I shall return." For ten points apiece and a total of 30 for all three, answer these questions about that historic occasion.

(1) Name the general (1883- 1953) who replaced MacArthur as commander of the

American forces there.

Answer: General Jonathan _Wainwright_

(2) Name the peninsula, to the tip of which the Americans directly moved under Wainwright's command.

Answer: _Bataan_ Peninsula

(3) Name the country to which MacArthur's command was moved directly after his leaving the Philippines.

Answer: _Australia_

Bonus (Literature)

30-20-10. Identify the ancient writer.

30. A native of Halicarnassus in Asia Minor, he was born around 484 BC, probably lived in Athens where he met Sophocles, and is thought to have later moved to southern Italy.

20. He opened his greatest work by declaring that "I hope to do two things: to preserve the memory of the past by putting on record the achievements both of our own and of the Asiatic peoples, secondly to show how the two races came into conflict."

10. His _Histories_ described the wars between the Greeks and the Persians.

Answer: _Herodotus_

Bonus (Literature)

For ten points apiece and a total of 30 for all three, answer these questions about Shakespeare's personal life.

(1) Name his mother, who came from a family of some prominence.

Answer: Mary _Arden_

(2) Name either of his two daughters.

Answer: _Judith_ or _Susannah_

(3) Name the person to whom his will bequeaths his "second-best bed."

Answer: Anne _Hathaway_ [prompt on his "wife"]

Bonus (Literature)

30-20-10. Identify the twentieth-century female author from works.

30 pts: The short-story collections _Face to Face_, _The Soft Voice of the Serpent_ and _Something out There_.

20 pts: The novels _The Living Days_, _Occasion for Loving_, and _The Conservationist_.

10 pts: The novels _Guest of Honour_, _July's People_, and _Burger's Daughter_.

Answer: Nadine _Gordimer_

Bonus (Literature)

30-20-10, name the author from works.

30: short stories "The Scorn of Women", "Nam-Bok, the Liar", "The Story of Jeess Uck"

20: autobiographical works "Martin Eden", "The Road", "John Barleycorn"
10: novels "The Iron Heel", "The Sea Wolf"

Answer: Jack _London_

Bonus (Fine Arts)

Given a description of their works, name the artists who painted scenes of the American Revolution for the stated number of points.

Five points: Portraits of Washington, Madison, and Jefferson

Answer: Gilbert _Stuart_

Ten points: The signing of the Declaration of Independence

Answer: John _Trumbull_

Fifteen points: Washington Crossing the Delaware

Answer: Emanuel _Leutze_

Bonus (Fine Arts)

Identify these musical terms for ten points each.

1. Also known as plainsong, or cantus planus, this early mode of Western music was sung unaccompanied, to monophonic, unmetrical melodies.

Answer: Gregorian _Chant_

2. Legend has it that the "C" symbol for this time meter was a broken circle representing "tempus imperfectum", while triple meter represented the perfection of the Trinity.

Answer: _Four-Four_ (4/4) Time or _Common Time_

3. Each doubling of the frequency of a given note means an increase in this many half-tones on the Western chromatic scale.

Answer: _Twelve_ (one octave)

Bonus (Fine Arts)

For ten points apiece and a total of 30 for all three, identify the art movement from a list of members.

(1) Hans Arp, Richard Huelsenbeck, Francis Picabia, Marcel Duchamp [dyoo-SHOMP], and Tristan Tzara.

Answer: _Dada_ OR _Dadaism_

(2) Vladimir Tatlin, Naum Gabo, and Antoine Pevsner.

Answer: _Constructivism_

(3) Giacomo Bella, Gino Severini, and Umberto Boccioni
Answer: Futurism

Bonus (Fine Arts)

30-20-10. Identify this twentieth-century lyricist-composer.

30 pts: This Carnegie-Mellon alum composed much of the music for the Studs Terkel-based musical Working.

20 pts: Recently, he worked with Alan Mencken on the music for Disney's Pocahontas, and he worked independently on the songs for Dreamworks SKG's Prince of Egypt.

10 pts: He wrote the Broadway smash musical Godspell.

Answer: Stephen Schwartz

Bonus (Fine Arts)

Identify the following dramatic works or adaptations set in the south from minor characters for 10 points or major characters for 5 points:

- 10 -- Reverend Sykes, Mrs. Dubose, Sheriff Tate
5 -- Atticus Finch, Calpurnia, and Scout

Answer: To Kill a Mockingbird

- 10 -- Gooper, Mae, Dr. Baugh
5 -- Maggie, Brick, Big Daddy

Answer: Cat on a Hot Tin Roof

Bonus (Pop Culture/Sports)

The Canadians are coming! Defend our entertainment industry by unmasking the following actors from the Great White North.

1. He played reporter Edison Carter on the television show "Max Headroom".

Answer: Matt Frewer

2. This neurotic star of "NewsRadio" was originally a Kid in the Hall

Answer: David Foley

3. This native son of Vancouver and some-time race car driver made sideburns popular in the early 1990's

Answer: Jason Priestley

Bonus (Pop Culture/Sports)

For ten points apiece and a total of 30 for all three, given the year, identify the Super Bowl

MVP.

(1) 10 pts: 1967

Answer: Bart _Starr_

(2) 10 pts: 1980

Answer: Terry _Bradshaw_

(3) 10 pts: 1995

Answer: Steve _Young_

Bonus (Pop Culture/Sports)

Answer the following questions about the 1986 World Series

1. For five points each, identify the two teams who played

Answer: _Boston_ _Red Sox_ ; New York _Mets_

2. In game six, a total of five errors were committed, but none was more heartbreaking than the groundball which slipped through the Red Sox's first baseman's legs. For fifteen points, name him

Answer: Bill _Buckner_

Bonus (Religion/Mythology/Philosophy)

For ten points apiece and a total of 30 for all three, answer these questions about Sumerian mythology.

(1) This Sumerian storm god of the air was appropriately born from the union of heaven and earth and was later somewhat supplanted in the pantheon by another principal god. The Babylonian god Marduk assumed many of this god's attributes.

Answer: _Enlil_

(2) Name either of Enlil's parents, heaven or earth.

Answer: _An_ (heaven) OR _Ki_ (earth)

(3) Now name the principal god who somewhat pantheonically supplanted Enlil, the Sumerian god of water and wisdom who saved humanity from the great flood and whose later Babylonian counterpart was Ea.

Answer: _Enki_

Bonus (Religion/Mythology/Philosophy)

Given a formula and/or description for a Roman Catholic holy day, identify the day for five points each. For example, if I said "the sixth day of January, commemorating the arrival of the Magi" you would say "Epiphany"

5 points -- The holy day 42 days before Easter, it marks the beginning of Lent

Answer: _Ash Wednesday_

10 points -- Three days before the first Sunday after the first full moon on or after the vernal equinox

Answer: _Maundy Thursday_

5 points -- Exactly one week before Easter

Answer: _Palm Sunday_

10 points -- November 8th

Answer: _Michaelmas_

Bonus (Religion/Mythology/Philosophy)

I'll give you a quotation from a work of western philosophy, and you give me the philosopher for five points and the work for an additional ten points.

1. "We must therefore make trial whether we may not have more success in the tasks of metaphysics, if we suppose that objects must conform to our knowledge...[and] that it should be possible to have knowledge of objects _a priori_, determining something in regard to them prior to their being given"

Answers: Immanuel _Kant_ _Critique of Pure Reason_

2. "If we imagine the State in the process of creation, we shall see the justice and injustice of the State in process of creation also."

Answer: _Plato_ _Republic_

Bonus (Current Events)

Answer the following questions about a recent parliamentary election
FTP each.

1. The runner-up Democratic People's Party saw its 1994 gains eroded on December 6, 1997, as voters rejected its ethnicity-focused, anti-reunification rhetoric. Where were these elections held?

Answer: _Taiwan_

2. Which party won the election and retained control over the Legislative Yuan?

Answer: The _Kuomintang_ (also accept KMT, GMD, or Guomindang)

3. This KMT leader and president of Taiwan was a Cornell alum and sparked Chinese anger when he visited the university in 1995.

Answer: _Lee_ Teng-Hui.

Bonus (Current Events)

In October 1998, for the first time, a former Communist was elected to head a major Western European government. For ten points apiece and a total of 30 for all three, answer these questions about that event.

(1) Name the major Western European country now headed by the aforementioned former Communist.

Answer: Italy

(2) Now identify the aforementioned former Communist and present head of the Italian government.

Answer: Massimo D'Alema

(3) D'Alema's election ended the hiatus caused when what predecessor lost on a vote of confidence by a single vote in parliament?

Answer: Romano Prodi

Bonus (Geography)

Name the island, given several of its major rivers, for the stated number of points.

For five points:

Shannon, Liffey, Clare

Answer: Ireland

For ten points:

Kitakami, Tenryu, Yodo

Answer: Honshu

For fifteen points:

Sepik, Fly, Taritatu

Answer: New Guinea

Bonus (Geography)

Given National Forests, name the states in which they are located for ten points each.

1. Nantahala, Pisgah, Croatoan

Answer: North Carolina

2. Shasta, Mendocino, Cleveland

Answer: California

3. Bighorn, Medicine Bow, Bridger-Teton

Answer: Wyoming

Bonus (Social Science)

Answer these questions on work psychology FTP each.

This psychologist wrote "Scientific Management" in 1911 and discussed increasing productivity by treating factory workers as human machines that could be optimized and standardized.

Answer: Frederick Winslow _Taylor_

Later researchers built on Taylor's work and performed this kind of minutely detailed examination of the individual motions in factory work.

Answer: _Time and Motion_ Study

It was found in one study of a Western Electric plant that when lighting was increased, output improved. When lighting was decreased, output improved then too. Later it was realized that it was the presence of the researchers that was the positive motivator. Identify this spurious effect, named for the factory studied.

Answer: _Hawthorne_ Effect

Bonus (Social Science)

We all know that in economics, a market in which there is one seller and many buyers is called a monopoly. But what are the following markets called, for ten points each:

1. A market with few sellers, such as the commercial aircraft industry, selling airplanes

Answer: oligopoly

2. A market with one buyer, such as a large factory in a small town, buying labor

Answer: monopsony

Bonus (General Knowledge)

Identify these computer graphics terms FTP each.

1. This is the practice of juxtapositioning very small dots of two different colours to fool the eye into seeing a third colour.

Answer: Dithering

2. To properly render 2- and 3-D images, this process throws out elements of an object that are outside the viewable window. If done improperly you can see through walls.

Answer: Clipping

3. This is a kind of storage area used in three-dimensional animation to record the depths of every pixel in order to determine which is closest to the viewer and thus should be visible.

Answer: Z-Buffer

Bonus (General Knowledge)

The Celtic languages are the smallest surviving branch of the Indo-European language family. Four of these languages are spoken today in the British Isles and part of France. Name them for five points each and a ten point bonus for all four.

Answers: Welsh, Breton, Irish Gaelic, and Scottish Gaelic (Prompt on Irish, Scottish, or Gaelic)

Bonus (General Knowledge)

I'll name a car model (though not the make), and you tell me if it is manufactured by a US corporation, still in production, both, or neither. For example, if I said "Lemans," you would say "manufactured by a US corporation." But if I said "Passat," you would say "still in production." Five points each, with a bonus five for all four.

1) J30

Answer: Neither (made by Nissan / Infiniti, ceased production after 1997)

2) Silver Spur

Answer: Still in production (made by Rolls-Royce)

3) Mystique

Answer: Both (made by Ford / Mercury)

4) Eighty Eight

Answer: Both (made by GM / Oldsmobile)

Bonus (General Knowledge)

Beers of the world unite! I'll name a beer label, and you give me the country of origin. Five points each.

1) Dos Equis

Answer: Mexico

2) Grolsch

Answer: The Netherlands (accept Holland)

3) Yuengling [ying-ling]

Answer: U_nited _S_tates

4) Newcastle Ale

Answer: England (prompt on United Kingdom, just to make it interesting)