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Current Events

1. One of her greatest pleasures was receiving a shipment of tomatoes during the third week of her voyage. Most of the rest of the time was spent trying to earn the respect of her crewmates, the "two Yuris" as she affectionately called them, and studying how zero gravity affects living tissue and protein crystal growth. FTP, identify this woman who recently set the female and American records by staying 223 consecutive days in space aboard space station Mir.

answer: Shannon LUCID

Literature

2. Her earliest works, a compilation of 21 pieces that included plays, short novels, and verses, are published in a set of 3 volumes with the unwitty titles "Volume the First", "Volume the Second", and "Volume the Third". Her passage to more serious writing is marked by her "Lady Susan", written around 1793, which portrays a woman so bent on the exercise of her mind and personality that she becomes a social recluse. FTP, identify this author who has recently had almost of her major novels turned into major motion pictures and writer of "Pride and Prejudice".

answer: Jane AUSTEN

Science

3. His name is associated with a class of numbers of the form $2^x + 1$ where x is 2^n to the n -th power with n a positive integer and he conjectured that all numbers of this form are prime. His lesser theorem states that if p is a prime and a is any positive integer then $a^p - a$ is divisible by p . FTP, identify this mathematician, whose "Last Theorem" was may recently have been proven true by Andrew Wiles.

answer: Pierre de FERMAT

Entertainment

4. His show biz career started on "The Gong Show", but he has gone on to appear in the movies "Blue in the Face", "The Brady Bunch Movie", and "To Wong Foo, Thanks for Everything". He says about his craft, "I feel very powerful when I'm in drag". FTP, identify this entertainer, whose first album, "Supermodel of the World" went multi-platinum and included the hit "Supermodel (You Better Work)".

answer: RUPAUL (RuPaul Andre CHARLES)

Fine Arts

5. Born Anna Mary Robertson in rural New York, she began her painting career by copying Currier & Ives postcards, and her first pictures were sold in a drugstore in Hoosick Falls, NY. But she quickly gained fame for her drawings of scenes from her childhood on what she called "old-timey" farms and even had 15-one woman shows in Europe. FTP, name this artist who did not begin her career until the age of 76 and who did 25 paintings in her 100th year.

answer: Grandma MOSES

History

6. Originally called the "Marigalante", it was 117 feet long, had 3 masts, and was equipped with both a forecastle and sterncastle. Its end came on Christmas Day, 1492,

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when it ran aground off the coast of Hispanola. FTP, name this ship, the flagship on Christopher Columbus' first expedition to the New World.

answer: _"SANTA MARIA" _

Science

7. Its proper motion, the motion of a star relative to other stars, is the greatest of all the stars. This red dwarf's proper motion also shows periodic deviations of 2/100ths of a minute that could possibly be explained by the existence of planetary bodies almost as large as Jupiter, but this hypothesis remains unproven. FTP, identify this star that, at only six light-years away, is the second closest to our Sun and which is named for an American astronomer.

answer: BARNARD'S STAR

Entertainment

8. His 1995 album, "Paper Music" features orchestral works by Mozart, Bach, and others sung rather than played. Known for amazing spontaneity in his concerts, he has been known to wander through the audience, making up songs based on spectators' names and conducting his audience in spontaneous choirs. FTP, name this musician whose most famous works include the theme to the "Cosby Show" and the #1 hit "Dont Worry, Be Happy".

answer: Bobby MCFERRIN

Literature

9. She was born in St. Louis and her current name is a combination of a childhood nickname and her first husband's family name. Born as Marguerite Johnson, her poetry includes the collections "Oh Pray My Wings Are Gonna Fit Me Well" and "Just Give Me a Cool Drink of Water 'fore I Die", but she is best known for her autobiography, which has been banned in some school because of her description of being raped as a child. FTP, identify this author of "I Know Why the Caged Bird Sings".

answer: Maya ANGELOU

Sports

10. In an exhibition game in 1943, he became the last pitcher ever to face Babe Ruth. In 1947, he became the first pitcher ever to face Jackie Robinson in the major leagues. FTP, identify this pitcher, who as part of the 1948 pennant-winning Boston Braves, was part of a rotation consisting of "himself, Warren Spahn, and two days of rain."

answer: Johnny SAIN

Rel/Myth

11. It was founded by the 24th of the Tirthankaras, or "Fordmakers". Followers divide the world into two categories: jiva, the soul, and ajiva, or inanimate substance, in which the goal of man is to free the jiva from the karma, a substance that keeps the jiva in bondage. The central tenet bars followers from harming any living thing, and monks carry a broom to sweep insects from their path when they walk. FTP, identify this religion, centered in India, and founded by Mahavira.

answer: JAINISM

HALFTIME

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History

12. He was born on July 4th, and, though not an American, would become famous leading a war of liberation. He did turn down an offer from President Lincoln to lead a Union Army in the Civil War, and even was elected a member of the French National Assembly in appreciation of his support during the Franco-Prussian War. But it was for his leadership of his "Redshirts" during the Italian Risorgimento that he gained everlasting fame. FTP, identify this Italian patriot.

answer: Giuseppe GARIBALDI

Science

13. One type of this instrument is the constant-temperature, hot-wire type in which electrical power is increased to a wire exposed to a wind current in order to maintain a constant temperature. The power required is thus a measurement of the wind speed. A more common type is the revolving-cup, in which the cups drive an electric generator, and the output is thus a measurement of the wind speed. FTP, give the name of these devices that measure the speed of the airflow.

answer: ANEMOMETER

Literature

14. An unhappy first marriage to Mary Powell may have prompted him to write a series of pamphlets favoring divorce in certain cases. He wrote several political tracts, including "Of Reformation in England", criticizing the Church of England, "The Tenure of Kings and Magistrates" on the right of the people to depose their rulers and "Areopagitica", defending freedom of the press. But he is best known for his religious works. FTP, identify this author of "Samson Agonistes" and "Paradise Lost".

answer: John MILTON

Sports

15. He was born Garri Weinstein, the son of a Jewish father and Armenian mother. His first serious coach was former world champion Mikhail Botvinnik, and he became world champion for the first time in 1985, after the 1984 championship was postponed due to its excessive length. He then won the last game of the 1987 championship to retain his title, has dominated 3 world championship contests since then, and even beat a computer earlier this year. FTP, name this man who, according to the Elo rating system, is the greatest chess player ever.

answer: Gary KASPAROV (Garri Kimovich KASPAROV)

Geography

16. Located where the Taff, Ely and Rhymney Rivers empty into the Bristol Channel, it was the site of a strong Roman fort, but was not continuously inhabited until the 11th century. It became known as the Coal Metropolis of the World because it was the largest coal-exporting port in the world just prior to WWI. FTP, name this city, the capital of Wales.

answer: CARDIFF

Current Events

17. Despite having never held state or federal office previously, she won election to the US Senate in 1978, an event that marked the first time that a woman was elected to a

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full Senate term without succeeding her husband in Congress. In her case, she could be said to have followed her father into politics, as she is the daughter of 1936 Republican Presidential candidate Alfred Landon. FTP, name this woman, who will be retiring from the Senate at the end of this year, the current senior Senator from Kansas.

answer: Nancy Landon KASSEBAUM

Social Science

18. In footnote 11 of the Supreme Court's decision in *Brown v. Board of Education*, his study "An American Dilemma", was cited, leading Southern segregationists to attack the Court for using the work of "foreign sociologists". "An American Dilemma", along with much of his later work dealt with his theory of cumulative causation, which held that poverty causes poverty and that the gap in wealth between developed and undeveloped countries may grow larger over time. FTP, identify this man who, along with Friedrich Hayek, won the 1974 Nobel Prize for Economics.

answer: Karl Gunnar MYRDAL

Fine Arts

19. His greatest professional disappointments were the failures of his opera "A Quiet Place" and his last musical "1600 Pennsylvania Avenue". The TV shows that he hosted, including "Omnibus" and "Young People's Concerts" attempted to explain serious music to younger audiences and garnered 11 Emmys. FTP, identify this musician, who, in 1953, was the first American to conduct at the La Scala opera house and was the first American-born music director of the New York Philharmonic.

answer: Leonard BERNSTEIN

History

20. Its name comes from an Arabic words meaning "place of refuge". Members originally followed a code of honor called Tomerta. The first reported instance of an American version came in 1891, when 11 members, suspected of murder, were lynched by a New Orleans mob. FTP, identify this group which in the late 1800s was the dominant economical, political, and social force in Sicily, and which thrives on activities such as gambling, narcotics trafficking, and loan sharking.

answer: MAFIA (prompt on the Mob)

Science

21. As a naval officer during WWII, he helped develop the proximity fuse for anti-aircraft shells. After the war, he was made head of the Applied Physics Lab at Johns Hopkins University, supervising the testing of V-2 rocket for upper atmospheric research. Later, he was responsible for designing some of the instrumentation for the Explorer satellites, and it was these instruments that detected a pair of radiation belts surrounding the Earth that have subsequently been named for him. FTP, name this University of Iowa physicist.

answer: James Alfred VAN ALLEN

Literature

22. During WWI, he dreamed of a ideal community call "Rananim" to escape the horrors of modern society and urged his friends to join him there. His first literary friend was Ford Maddox Ford, who published his work in the "English Review", but he split with Ford after publishing "The Trespasser". FTP, identify this author of the

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novels "The Plumed Serpent", "Women in Love", "Sons and Lovers", and "Lady Chatterley's Lover".

answer: David Herbert (D.H.) LAWRENCE

9. Although he always wanted to be a cartoonist, he majored in economics at Hartwick College, and in the only drawing class that he took he received the lowest grade. He then moved began his career with Pacific Bell, serving most of his time in cubicle 4S700R. Although he did get a syndication contract for a comic strip, only 100 newspapers were carrying it until he successfully lobbied to have his email address put on the strip in 1993 and success has grown ever since. FTP, identify this cartoonist, whose newest book, "Dogbert's Top Secret Management Handbook" is a companion to his top-selling "The Dilbert Principle".

answer: Scott _Adams_

16. His earliest works, including a travel sketch called "A Walking Tour from Holman's Canal to the Eastern Point of Amager", a play entitled "The Mulatto", and various novels, gained him fame, but are now almost completely forgotten. His fame today rests on short stories published in collections entitled "Eventyr", "A Picture-book Without Pictures", "Tales, Told for Children", and "New Fairy Tales and Stories". FTP, identify this Danish author, whose autobiography was appropriately titled, "The Fairy Tale of My Life".

answer: Hans Christian _Andersen_

19. This Indiana town, located near Lincoln City, has a population of only 927 people, but its post office receives over 1,000,000 pieces of mail each year, mostly around the Christmas season, even though it nowhere near the North Pole. FTP, identify this town, which shares its name with a certain jovial man clad in red.

answer: _Santa Claus_, IN

21. It was banned by Napoleon, Louis XVIII, and Napoleon III, and recently was the focus of effort to make its verses less graphic and bloody. Composed by Claude-Joseph Rouget de Lisle, it was originally called the "War Song of the Army of the Rhine". FTP, name this song, which urges the listeners to fight for liberty and force the enemy's "impure blood [to] water our fields", the nation anthem of France.

answer: _"La Marseillaise" _

22. Her first starring role was in the 1952's semidocumentary, "Africa Under the Sea", and she gained international stardom in films as diverse as the comedy "The Gold of Naples", a cinematic version of "Aida", "Desire Under the Elm", "Man of La Mancha" and 1961's "Two Women", for which she won an Academy Award for her portrayal of a devoted mother of a teenage girl in wartime Italy. FTP, name this Italian film star, who recently starred in "Grumpier Old Men".

answer: Sophia _Loren_ (Sofia _Scicolone_)

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25. They are seed of a shrub belonging to the spurge family with the scientific name of "Sebastiania pavoniana". They are formed when a moth deposits its eggs in the shrub's flowers. After the eggs hatch, the caterpillars burrow into the seeds and eat out the insides. The caterpillar then builds a web along the inner wall of the seed and the distinctive movement of the seeds occurs when the caterpillar grabs the web and jerks its body. FTP, give the common name of these seeds, which originate south of the border.

answer: Mexican _jumping bean_

28. A major issue of his administration were the two revolts of the metis, people of mixed Indian and white ancestry, both led by Louis Riel. Another incident involved the Pacific Scandal, involving bribes from persons financing the Canada Pacific Railroad, over which he was forced to resign. Always opposed to closer ties with the US, he stated in his last campaign, "A British subject I was born; a British subject I will die." FTP, identify this man, the first prime minister of the Dominion of Canada.

answer: Sir John Alexander _MacDonald_

1. Either of two answer accepted. One is a native of Waverly, Nebraska, while the other hails from India. Beginning in the 60's, they spent 15 years working together at the Rice Research Institute in the Phillipines where they developed rice varieties that are today used to grow 70% of the world's crop. FTP, identify either of these two men, who on Tuesday shared the 1996 World Food Prize.

answer: Henry M. _Beachell_ OR Gurdev Singh _Khush_

3. Founded in 1946 by Edward C. Johnson II, it managed only \$13 million of assets in its first year, but now manages \$450 billion. Some of its most popular funds go by the names of Puritan, Contrafund, and Magellan, of which one out of every 50 US households owns shares. FTP, identify this company, the nation's largest mutual-fund company.

answer: _Fidelity_ Investments

8. Stating that "[It's] the court's belief that history will repeat itself.", the judge in O.J. Simpson's civil trial barred cameras from the courtroom. FTP, identify this judge, who many hope will be the anti-Ito.

answer: Hiroshi _Fujisaki_

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Literature

1.(20) Answer the following questions about Upton Sinclair's 1906 classic, "The Jungle", FTP each.

A. What is the name of the primary family in the story?

answer: RUDKUS

B. Name the Socialist weekly newspaper that "The Jungle" first appeared in as a weekly serial.

answer: "THE APPEAL TO REASON"

History

2.(30) Identify the following Supreme Court decisions given a brief description FTP each.

A. In this 1944 case, the Court ruled that the evacuation of Japanese-Americans during WWII was legal.

answer: KOREMATSU v. United States

B. This 1962 case saw the Court demand that districts for state legislatures had to be equal in population as nearly as possible.

answer: BAKER v. CARR

C. This 1978 case outlawed quotas in college admissions, but allowed affirmative action programs to stand.

answer: Regents of the University of California v. BAKKE

Sports

3.(20) Answer the following baseball questions, all of which concern the Year of the Pitcher, 1968, FTP each.

A. He set a National League record by posting a 1.12 ERA, threw 13 shutouts, and won 22 games. Perhaps the most remarkable thing about his season was that he somehow managed to lose 9 games.

answer: Bob GIBSON

B. He became the last major league pitcher to win 30 games by going 31-6 for the World Series champion Detroit Tigers.

answer: Dennis (Denny) MCLAIN

Entertainment

4.(30) Before winning her first Academy Award for her role in "Driving Miss Daisy", Jessica Tandy won three Tony awards for Best Actress, one starring alongside Marlon Brando, and the other two along with her husband, Hume Cronyn. FTP each, identify the plays for which Tandy won Tonys.

answer: "A STREETCAR NAMED DESIRE", "THE GIN GAME", "FOX FIRE"

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Geography

5.(30) Identify the following lakes of Africa FTP each.

A. Partially fed by the Chari River, it lies at the border of Nigeria, Cameroon, Niger, and the country with which it shares its name.

answer: Lake CHAD (TCHAD)

B. Connected to the Shire and Zambezi Rivers, it is 350 miles long but only 30 miles wide. It is the southernmost of the chain of large lakes in the Great Rift Valley.

answer: Lake NYASA (Lake MALAWI)

C. The largest lake in Africa, it was discovered in 1858 by John Speke.

answer: Lake VICTORIA

Science

6.(30) Identify the following types of mammals, based on their reproductive styles, FTP each.

A. These mammals give birth to fairly-well developed live young. They are named after the disk-shaped organ that develops in pregnant females to provide nourishment to the embryo.

answer: PLACENTALS

B. Only two varieties of this type, which lay eggs, exist: the platypus and the spiny anteater.

answer: MONOTROMES

C. This type give birth to poorly developed young which then attach themselves to the mother until their development is complete. The koala bear is an example.

answer: MARSUPIALS

Literature

7.(30) Identify the writer, 30-20-10.

(30 pts) His autobiography is titled "Ake: The Years of Childhood" and his "A Man Died" is his account of his arrest and imprisonment on charges of aiding a rebellion.

(20 pts) His "Myth, Literature, and the African World" examines the role of the artist in light of his native Yoruba culture.

(10 pts) He won the 1986 Noble Prize for Literature, the first black African to win that award.

answer: Akinwande Oluwole (Wole) SOYINKA

Current Events

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8.(20) Given a third-party, identify that party's candidate for President this fall for five points each You'll receive 5 bonus points for all three correct.

- A. Green Party answer: Ralph NADER
- B. Natural Law Party answer: John HAGELIN
- C. US Taxpayers Party answer: Howard PHILLIPS

Religion

9.(30) Answer the following questions about the life of the Biblical leader Moses, FTP each.

A. At the end of his life, which mountain did Moses ascend to see the land of Canaan, which he was forbidden to enter.

answer: Mt. PISGAH

B. Who was Moses' wife, the daughter of a Midianite priest?

answer: ZIPPORAH

C. Name either of Moses' two sons.

answer: GERSHOM or ELIEZER

Fine Arts

10.(20) Given a 20th century painting, identify the artist for five points each.

- A. "Jackson's Dilemma", 1963 answer: Frank STELLA
- B. "Blam", 1962 answer: Roy

LICHTENSTEIN

C. "Study After Velazquez: Portrait of Pope Innocent X", 1953

answer: Francis BACON

D. "American Gothic", 1930

answer: Grant WOOD

Science

11.(30) Answer the following question about units of measurement, 10 pts on the first clue, 5 if you need an additional clue.

- A. (10 pts) It is derived from a Greek word meaning to stretch with arms.
(5 pts) It is a nautical measurement equal to 6 feet.

answer: FATHOM

B. (10 pts) In some dialects, it refers to a division of an open field.
(5 pts) It is equal to 220 yards and is used frequently in thoroughbred horse racing.

answer: FURLONG

C. (10 pts) It is derived from an Arabic word meaning "bean" or "seed" and is equal to 200 milligrams.

(5 pts) It is usually used in the weighing of precious stones.

answer: CARAT

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Entertainment

12.(20) Paula Abdul's first album, 1988's "Forever Your Girl" became the first debut album ever to spawn four number-one singles. For five points each, name these songs.

answer: "STRAIGHT UP", "FOREVER YOUR GIRL", "COLD HEARTED", "OPPOSITES ATTRACT"

Social Science

13.(30) Answer the following questions about the field of criminology for 15 points each.

A. His theory of differential association is one of the most famous in the field. He also pioneered work in explaining white-collar crime.

answer: Edward SUTHERLAND

B. Sometimes considered the father of criminology, he believed that criminals were throwbacks to an earlier evolutionary stage and that they could be identify by certain physical marks. He published his work in 1876's "The Criminal Man".

answer: Cesare LOMBROSO

Literature

14.(25) Answer the following questions about William Faulkner for 10 points each. You will receive 5 extra points if you answer both parts correctly.

A. What was the name of his first novel, a story about the return of a fatally wounded aviator to his native Georgia. The novel was published upon the recommendation of Sherwood Anderson.

answer: "SOLDIER'S PAY"

B. His third novel, it was to first to be set in Yoknapatawpha County. The protagonist dies in while piloting a plane, an eerie foreshadowing of Faulkner's brother's death a few years later.

answer: "SARTORIS" ("FLAGS IN THE DUST")

History

15.(30) Identify the following leaders in the rise of the Second Reich, the German Empire from 1871-1918, for the stated number of points.

A. (5 pts) As prime minister of Prussia from 1862, he orchestrated the rise of the Empire by instigating wars with Denmark, Austria, and France.

answer: Otto von BISMARCK

B. (10 pts) As chief of staff for all three wars, it was his tactics and strategy that led the German armies to victory.

answer: Helmuth von MOLTKE

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C. (15 pts) As minister of war from 1859 on, it was his reorganization of the army and institution of universal service that enabled the German forces to become the best in Europe.

answer: Albrecht von ROON

5. Imagine that you are the CEO of a multinational, multi-gazillion dollar corporation. Now, answer the following questions about you business practices.

A. (5 pts) First, for five points, you wish to gain market share in a new country. You decide to sell your imports for less than it cost to produce them. What practice are you engaging in?

answer: _dumping_

B. (10 pts) You attempt a hostile takeover of a small rival. You fail, but force them to buy back the stock at a much higher price than what you paid for it. FTP, what is this situation called?

answer: _greenmail_

C. (5 pts) You attempt another takeover of a small company, but are thwarted when a rival, much more desirable to the small company, outbids you. For five points, what is this rival referred to as?

answer: _white knight_

D. (10 pts) Finally, you are forced out of your job when the company's managers buy out the company by borrowing huge sums of money raised by selling junk bonds. FTP, what kind of transaction is this?

answer: _leveraged buyout_ (_LBO_)

Identify the following plays from the Greek playwright Euripides FTP each.

A. This play tells the tale of the Athenians' defense of the offspring of a dead hero from the murderous intentions of King Eurystheus of Argos.

answer: _Children of Heracles_ (_Herakleidai_)

B. Produced only months after the Athenians slaughtered the inhabitants of Melos, it tells of the sufferings of Queen Hecuba and the other women of a returned conquered city.

answer: _Trojan Women_ (_Troades_)

C. The title character lures her mother to her death by appealing to her maternal instincts. The title character's name has been given to the complementary condition of the Oedipus complex.

answer: _Electra_ (_Elektra_)

8. Answer the following questions about the Mexican-American War FTP each.

A. Named for the town in which it was fought, this battle was the death knell for the Mexican army, and US forces entered Mexico City the very next day.

answer: _Chapultepec_

B. Chief Clerk of the Department of State, he negotiated the peace

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treaty after President Polk had issued orders for his recall.

answer: Nicholas P. Trist

C. An officer in the US Army, he led a revolt by California settlers that became known as the Bear Flag Revolt.

answer: John C. Fremont

12. Answer the following questions concerning the trials of former South Korean presidents for 15 points each.

A. This former president was convicted in September of mutiny and treason for the 1979 coup that brought him to power and for massacring citizens to squash a protest. He was sentenced to death.

answer: Chun Doo-hwan

B. Chun's successor, he received a 22 1/2 year sentence for crimes committed as Chun's henchman.

answer: Roh (May be pronounced "No") Tae Woo

14. Just because a player wins the Heisman Trophy does not guarantee future NFL success. Answer the following questions about the pro careers of Heisman winners for the stated number of points.

A. (10 pts) Only two players have ever won both the Heisman and the Jim Thorpe Trophy, which is given out to the NFL MVP as chosen by the NFL Players Association. For five points each, name these two players.

answer: Orenthal James (O.J.) Simpson, Earl Campbell

B. (10 pts) Only two players have both won the Heisman and been the starting quarterback for a Super Bowl champion. For five points each, name these two quarterbacks.

answer: Roger Staubach and Jim Plunkett

C. (10 pts) Perhaps the Heisman jinx can be attributed to the first ever Heisman winner who, despite the first pick in the first ever NFL draft, decided against playing pro football. FTP, name this player.

answer: Jay Berwanger

16. Answer the following questions concerning music theory for five points each.

A. The name given to any scale featuring eight notes to an octave arranged in a pattern of half steps and whole steps.

answer: diatonic scale

B. The name given to the main note of a diatonic scale, the first degree of the scale.

answer: tonic

C. The name given to the fifth degree of a diatonic scale.

answer: dominant

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D. An interval spanning four, five, or eight degrees is referred to as this.

answer: _perfect_ interval

E. A perfect or major interval raised by a half step.

answer: _augmented_

F. A perfect or minor interval lowered by a half step.

answer: _diminished_

18. Answer the following questions about George Orwell's classic novel "1984" for the stated number of points.

A. (15 pts) For five points apiece, name the three slogans of the Party.

answer: _War is Peace_, _Freedom is Slavery_, _Ignorance is Strength_

B. (15 pts) The entire apparatus of the government was contained within four ministries. For five points each, name any three of the four.

answer: _Ministry of Peace_ (_Minipax_), _Ministry of Truth (_Minitrue_), _Ministry of Love_ (_Miniluv_), _Ministry of Plenty_ (_Miniplenty_)

19. Answer the following questions about lasers FTP each.

A. In 1960, this American built the first laser, a ruby laser.

answer: Theodore H. _Maiman_

B. In a three-level ruby laser in which the the pumping mechanism moves electrons from the E1 energy level to the E3 energy level, what is term given to the E2 level which indicates that it inhibits spontaneous decay back to the E1 level.

answer: _metastable_

C. What term is given to a laser beam which indicates that all of the electromagnetic waves are in phase?

answer: _coherent_

20. Answer the following questions about the history of theories of light and electromagnetic radiation FTP each.

A. His used the eclipses of the moons of Jupiter to determine a rough approximation of the speed of light in 1676, the first proof that the speed of light was indeed finite.

answer: Ole Christensen _Roemer_ (_Romer_)

B. His double interference experiment in 1801 conclusively proved that light could be thought of a wave.

answer: Thomas _Young_

C. Though better known for a pair of laws of electricity, he found that when a light passes through a gas, the gas will absorb the wavelengths that it would emit if heated, thus explaining the Fraunhofer

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lines in the spectrum of the Sun.

answer: Gustav Robert Kirchhoff

21. Identify the following chemists FTP each.

A. He obtained urea from two inorganic substances in 1828, the first time that a synthetic organic substance had been made.

answer: Friedrich Wohler

B. The first to calculate the weights of the atoms of various elements, he is credited with the first atomic theory since the ancient Greeks.

answer: John Dalton

C. While trying to make quinine from a coal tar product, he produce a mauve dye, the first synthetic dye, in 1856.

answer: Sir William H. Perkin

22. Answer the following questions about aluminum and its production FTP each.

A. This company, headquartered in Pittsburgh, is the world's largest producer of aluminum products in the world.

answer: Aluminum Company of America (Alcoa)

B. This Dutch scientist, better known for demonstrating that a current produces a magnetic field.

answer: Hans Christian Oersted (Orsted)

C. This process, discovered by an Austrian scientist in 1888 and named after him, uses sodium hydroxide to remove the aluminum oxide from bauxite ore.

answer: Bayer process

24. Identify the following architects for 10 points each.

A. What are probably his most important works, the Friedrichstrasse Office Building and the "Glass Skyscraper", were never built.

answer: Ludwig Mies van der Rohe (Ludwig Mies)

B. His designs include the wings of Independence Hall in Philadelphia and the Washington Monument.

answer: Robert Mills

C. He designed the pentagonal control tower used in many US airports, but is more famous for designing two pyramids, one in Paris and the other in Cleveland.

answer: Ieoh Ming (I.M.) Pei

25. Identify the following politicians, all of whom sought the Republican nomination for President in 1980.

A. A Representative from Illinois, he decided to run as an independent in the general election after failing to win the nomination.

answer: John B. Anderson

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B. A former governor of Texas, he was wounded at the same time that President Kennedy was assassinated.

answer: John B. Connally

C. A former Vice-Presidential candidate for the party, he became Senate Majority leader when the Republicans took control of the Senate in the general election.

answer: Robert J. Dole

26. Identify the following laws passed by the British Parliament which regulated Colonial America FTP each.

A. This reserved all lands west of the Appalachians for the Indians and forbade white settlements there.

answer: Proclamation of 1763

B. Passed in 1767, they placed duties on glass, lead, paint, paper, and tea imported into the colonies. With the exception of the tea tax, they were all repealed in 1770.

answer: Townshend Acts

C. One of the Intolerable Acts passed in response to the Boston Tea Party, it closed Boston Harbor until the destroyed tea was paid for.

answer: Boston Port Bill

13. Answer the following questions about Nigeria for the stated number of points.

A. (10 pts) FTP, who is the current military leader of Nigeria?

answer: General Sani Abacha

B. (10 pts) Last November nine environmental activists were hung by the military regime. For five points each, identify the most famous member of that group, formerly one of Nigeria's most popular playwright and the tribe to which he belonged.

answer: Ken Saro-wiwa and Ogoni tribe

C. (10 pts) Abacha's top friend in the US is a Democratic Senator who has made several trips to Nigeria in the past few year, including one in August. FTP, identify her.

answer: Carol Moseley-Braun

Extra Part of Question 1

C. What law mandating more sanitary conditions in food preparation was passed largely due to the public outcry following the publication of "The Jungle"

answer: Pure Food and Drug Act of 1906

Extra Part of Question 3

C. He won the AL batting title despite hitting only .301, the lowest average ever to win a batting title in major league history.

answer: Carl Yaztrzemski

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Extra Part of Question 10

E. "Agarian Leader Zapata", 1931

answer: Diego _Rivera_

F. "60 T-Bird", 1968

answer: Robert _Bechtle_

Extra Part of Question 14

C. (10 pts) For five points each, for which two novel did Faulkner win his Pulitzer Prizes, one in 1955 and the other in 1963.

answer: _"A Fable"_, _"The Reivers"_)