

TOSSUPS – VALENCIA RED**MOON PIE CLASSIC 2003 -- UTC**

Questions by James E. Baker and Elissa Caffery of Valencia Community College's Nat'l Champion Red Cavalry, with gracious help by Amanda Gilchrist of Florida State University and Cherie Ramirez of Rollins College.

1. Four graduates from the Rhode Island School of Design rent a loft at 195 Chrystie St., and take their name from a phrase used in an issue of *TV Guide*. Opening for the Ramones in 1976, they tour Europe for a year before releasing an eponymous album, featuring such songs as *Artists Only* and *Psycho Killer*. 1980 brings collaboration with Brian Eno on *Remain in Light*, and two years later they hit the road again, with David Byrne donning the "big suit" and Jonathan Demme cutting the film *Stop Making Sense*. FTP, name this classic rock band, of *Burning Down the House*.

Answer: **Talking Heads**

2. Richard Haklyut and Henry Hondius proposed Marin Bay as this man's farthest claim, made six years after he disbanded the Beggars of the Sea near Calais. While raiding the Spanish Main, he and his crew were attacked by vicious llamas but set off with 26 tons of silver, nearly condemning his flagship to the fate of the *Marigold*, chartered by Queen Elizabeth I when it sank with all hands in 1577. FTP, name this English circumnavigator, author of *The World Encompassed*, captain of *The Golden Hind*.

Answer: **Sir Francis Drake**

3. Author of *Hebdomeros*, in which the hero travels through an indefinite city whose inhabitants spend their lives in 'construction of trophies', he studied art in Munich before moving to Florence to complete his 1911 series *Places in Italy*. Painted works like *The Disquieting Muses*, involve fragmented bits of sculpture and the use of mannequins, and were executed in 1918 with help from Carlo Carra, with whom he incubated his characteristic style. 1914's *Melancholy and Mystery of a Street* is probably the most recognizable work of, FTP, what Italian *metaphysical* painter?

Answer: **Giorgio de Chirico**

4. Based on a popular work by Klabund, it premiered at Carleton College while its author was placed before the House Un-American Activities Committee. Natella, wife of the slain governor of Nuka, abandons her son Michael after Arsen Kazbeka stages a bloody coup. Grisha, a poor maid, finds and raises Michael, while in act two, Azdak the Persian gives the deposed Grand Duke refuge in the Rosa Luxembourg commune. The title location is then drawn by Azdak to settle the maternal fury over Michael. FTP, name this 1947 Bertolt Brecht drama set on a collective farm in Soviet Georgia.

Answer: **The Caucasian Chalk Circle**

5. The seat of Calhoun County, Alabama, population 9362. A town of 8500 west of New Haven, Connecticut. A township in Butler County, Ohio, home to the University of Miami, founded 1809. Seat of Lafayette County, Mississippi, where author William Faulkner resided for much of his life. Also, a city of 109,000, home town of the band Radiohead, site of a 13th century diet on the Thames River, namesake of a mixed breed of sheep, and a popular men's lace up dress shoe. FTP, give the common name for these places, most notable for a famous 12th century English university.

Answer: **Oxford**

6. The Buys-Ballots corollary states that if an observer stands with their back to the wind, low pressure will always rest to the left. That was an advancement upon this theory, which explains why winds circulate instead of blowing in the direction of the pressure gradient. The effect maximizes near the polar latitudes, wanes near the equator, and is reversed in the southern hemisphere. Discovered by its namesake French physicist in 1843, FTP, name this fictitious force by which projectiles appear to be deflected due to the rotation of the Earth.

Answer: **Coriolis force**

7. The first name called on July 11th was Jones, and 1200 names followed. Two days later, hordes of angry Irishmen marched down Broadway, attacking a colored orphanage on 5th Avenue and burning the targeted federal office. New York City mayor Fernando Wood, watched helplessly as the Irish armies destroyed \$5 million worth of property before the 65th New York Regiment, fresh from Gettysburg restored order on July 17th, 1863. Featured in the film *Gangs of New York*, FTP, name this violent uprising in which 11 blacks were lynched in general protest against an unpopular legislation.

Answer: **New York City Anti Draft Riots of 1863**

8. His *Thalia*, espousing the "out of nothing" argument, took the form of popular songs, and was written while exiled in Palestine. Born in Libya, he entered Alexandrian politics on the side of the schismatic Meletius, and despite his position, was ordained a deacon in 307. After his deposition at a 321 synod, he became friends with Eusebius and Emperor Constantine, who defended his view against Athanasius of Alexandria. However, his creed, that Christ is not of the same substance as God, was overturned at the Council of Nicaea. FTP, name this early Christian heretic, or his sect.

Answer: **Arius or Arianism**

9. Isolated from zinc carbonate by Friedrich Strohmeyer in 1817, it is still obtained primarily as a by-product of zinc smelting, and the only major mineral mined for this element is Greenockite. Though it causes renal failure if ingested, its uses include electroplating steel, blue phosphors in TV tubes, silver solders, and pigments which may be red, brown, or most familiarly bright yellow. When paired with nickel, it provides a rechargeable battery source. FTP, name this element with atomic weight 112.411, number 48, and symbol Cd.

Answer: **Cadmium**

10. This period saw the first *Insei*, or rule by cloistered emperors. The Tendai sect of Buddhism grew in popularity, after the pilgrimage of Saicho to Tibet. The death of Emperor Seiwa split the Minamoto clan into six factions, and the *Kokinshu*, "Poems Ancient and Modern" established *tanka* as the predominant literary form in Japan. Shonagon completed the *Pillow Book* and in 1185, the Battle of Dan-no-Ura ended the Gempei Wars, killing off the last of the Genji. FTP, name this early period of Japanese history, beginning circa 785 C.E., notable for the writings of Murasaki Shikibu.

Answer: **Heian Period**

11. In March, 2003, California representative Henry Waxman inquired into recent dealings between the Army Corp of Engineers and this company's largest subsidiary, Kellogg, Brown & Root. Founded in 1919, it built Johnson Space Center in Texas, and in 1947, developed the world's first offshore oil rig. Current Chairman Emeritus Robert Cramdall, a former CEO of American Airlines, and acting director of ClearChannel Communications accepted his position after the 2000 retirement of VP Dick Cheney. FTP, name this world's second-largest oilfield contractor, recently OKed to rebuild Iraq's oil industry.

Answer: **Halliburton**

12. A golden necklace crafted by Angelo is used as a foil for romance and ransom. Egeon's execution has been set for five o'clock by Duke Solinus, who demands one thousand marks bond for his release. Pinch is called upon to exorcise one of the main characters after his wife, Adriana accuses him of insanity resulting from a case of mistaken identity. The phrase 'a drop of water' is used throughout the play, symbolic of Antipholus of Syracuse's search for his father, Egeon, and twin brother. FTP, name this Shakespeare comedy based on Plautus' *Menaechmii*, featuring the twin Dromeos, set in Ephesus.

Answer: **The Comedy of Errors**

13. The magnetic version implies that magnetic field lines must be closed loops and magnetic monopoles cannot exist, since the net magnetic flux through a closed surface is zero. The electric version of this law states that the integral of the electric field dotted with the area, or electric flux, equals the charge enclosed in the namesake surface divided by the permittivity of free space. FTP, give the name for both of these laws, whose German discoverer also lends his name to the mathematical property of normal distribution.

Answer: **Gauss's Law**

14. Coined by Nils Bejerot, in contemporary psychology it manifests itself in 'corporate', 'societal', and 'correctional officer' forms. It refers to the events of August 28, 1973, when Jan Olson and Clark Olafsson walked into a branch of Kreditbanken singing a popular Roberta Flack song, opened fire, and seized three hostages. After negotiations from within the bank vault, local police forces rescued the hostages, only to report to the media that they felt more secure with their captors than in police custody. FTP, name this hostage-captor relationship, named for a northern European capital city.

Answer: **Stockholm Syndrome** [*NOT* Helsinki Syndrome, no matter what they said in *Die Hard*.]

15. It was published by J. Johnson, of St. Paul's Church-Yard, London. Described by its author as "owing its origin to a conversation with a friend on the subject of the essay 'Avarice and Profusion'", a critical point highlights how the 'profligate masses' are a drain upon the 'preventative measures' of higher moral culture, thereby depriving the world of worthwhile enterprises such as art and literature and instituting 'positive evils' such as plague and famine. Written as 'remarks on the speculations of Mr. Godwin, M. Condorcet, and Other Writers', FTP, name this 1798 work of social philosophy by Thomas Malthus.

Answer: **An Essay on the Principle of Population**

16. Historically, he was born Ce Actal Topiltzin, and ruled Tula c. 987 C.E, reforming the priesthood, and making butterflies sacred; he inscribed the *Tonalmatal*, but fell from grace after being drinking *pulque* and bedding his sister. Fleeing to Quiche, he was worshipped by the Itza as Kukulcan and was deified in the Popul Vuh as *Tohil*, savior of humanity. First to brew *octli*, he wears *epcololli*, two womb-like earpieces; a tiger-skin headdress, and a buccal mask, with red and black feathers and a bird's beak. Brother to three Tezcatlipocas, FTP, name this Aztec god of nature, the 'feathered serpent'.

Answer: **Quetzalcoatl**

17. Its white matter contains three deep nuclei: fastigial, intersposed and dentate. Beyond the outer molecular shell is a layer of Purkinje (pur-KEEN) fibers, composed of granule cell axons arranged into an excitatory folia, aiding in overall circuitry to postural and vestibular centers. It has been implicated as the site where procedural memories are stored, and damage to it may result in ataxia, the inability to coordinate voluntary muscular movement. FTP, name this area of the brain located above the brain stem, responsible for coordination of smooth movements, whose name means 'little brain'.

Answer: **Cerebellum** (Question written by Amanda Gilchrist, Florida State University)

18. Their roots go back to Arndt, who in 1587 joined Essen's blacksmiths guild. Anton forged 1000 gun barrels a year during the Thirty Year's War, and one of Alfred's creations fell through a story at the 1855 Paris Exhibition. With Porsche in 1940, they developed but mercifully did not field the 1000 ton 'land monitor' cannon. Bertha was honored with 'fat' artillery in 1916, and Alfred funded Hitler, built a weapons plant at Auschwitz, and died in 1968, marking an end to *die Firma*. FTP, name these German industrialists, financiers of two world wars, now associated with Thyssen A.G.

Answer: **Krupp**

19. "On the first of February we intend to begin submarine warfare unrestricted. In spite of this, it is our intention to endeavor to keep neutral the United States of America. If this attempt is not successful, we propose an alliance on the following basis with Mexico: That we shall make war together and together make peace. We shall give general financial support, and it is understood that Mexico is to reconquer the lost territory in New Mexico, Texas, and Arizona. The details are left to you for settlement." So reads the first four sentences of FTP what famous note?

Answer: **The Zimmerman Note** (or Zimmerman Telegram)

20. He was born near Natchez, Mississippi and joined the communist party as an adult, although during the 1940's he left over various ideological differences. As a Communist leader he published essays in communist publications including "New Masses" although he is more famous for his books. He worked for the Federal Writers Project in Chicago and his first book, a collection of four novellas entitled Uncle Tom's Children, won first prize in a writing contest sponsored by the Federal Writers Project. FTP name the author of the autobiography Black Boy and the novel Native Son.

Answer: **Richard Wright**

21. Modern painters from this nation include Joaquin Torres Garcia, who worked with Ferdinand Leger, and Rafael Barradas, who studied under Gino Severini. Called "Banda Oriental" by the Spaniards, 16th century explorer Juan de Solis established its capital on a river, beneath a scenic promontory. Political conflict between the *colorados* and *blancos* precipitated military conquest by Brazil in 1870, and a century later, a military coup led by General Alvarez disbanded both the *tupamaros* and parliament. FTP, name this South American nation, with capital at Montevideo.

Answer: **Uruguay**

22. Believed to have been of Sogdian birth, early in his life he rose to prominence as the most celebrated of the 'nine gems' at the court of Ujjian. Executed at the palace of King Kumardas of Ceylon, in his life- time he wrote numerous poems including *Description of the Seasons* and *Cloud Messenger*. Goethe praised his *Birth of the War God*, the verse epic of Parvati and Sita's quest to destroy the demon Tanaka. His greatest work focuses on a chapter of the *Mahabharata* concerning the heroic daughter of Visvamitra and Menaka. FTP, name this 5th century Indian epic poet, famed author of the *Shakuntala*.

Answer: **Kalidasa**

23. Celebrated by the poet Pentaur, it took place in the country of Zahi, where the the armies of Kheta rest. Suteh's division captured two emissaries of Muwatalli, whose charioteer army was encamped miles away, along the Orontes. Amurran troops were not expected to join the Amen and Ptah divisions for a week, but when the Hittite armies ensnared the forces of Ramses II, reinforcements came through, and Egypt was enabled to sue for a binding peace with the Hittites. FTP, name this 13th century B.C. battle fought in Syria between the Hittite and Egyptian empires.

Answer: **Battle of Kadesh**

24. On the tenth anniversary of his 1930 suicide, his *A Conversation with a Tax Inspector about Poetry* was immortalized in Alexander Rodchenko's *USSR In Construction*, showing him standing astride the Brooklyn Bridge, holding a Soviet passport exclaiming 'read it - envy me'. His early writings were published by Osip Brik, and in 1928, he joined fellow *LEF* designer Rodchenko, Dmitri Shostakovich, and Vsevolod Meyerhold to produce a version of his acclaimed play *Bed-Bug*. Author of *Mystery-Bouffe* and *Cloud-in-Trousers*, FTP, name this 20th century Russian avant-garde poet/playwright.

Answer: **Vladimir Vladimirovich Mayakovsky**

25. Leos Carax's 1999 film *Pola X* borrows from this work, transferring the setting from 1850s New York to modern Normandy. A 1995 edition includes Maurice Sendak's illustrations for such chapters as 'Charlie Millthorpe', 'Plinlimmon', and 'Enceladus'. The protagonist, a novice author, is engaged to Lucy Tartan, but succumbs to incestuous lust toward Isabel, his supposed lost sister. The protagonist then suffers a nervous breakdown, killing Lucy's brother, only to commit suicide in prison. FTP, name this Melville novel about the undoing of the last of the Glendennings, subtitled 'The Ambiguities'.

Answer: **Pierre, or The Ambiguities**

26. He is found to be the true author of the correspondence between Abelard and Heloise, but at the behest of the inventor Paphnutius, he is edited from Niketas Choniates' narrative on the Fourth Crusade, *The Sack of Constantinople* 'so that a greater history may emerge'. However, the protagonist ingratiates himself to Frederick Barbarossa, studies with Rainald von Dassel in Paris, and lays down an outline of the future monastic texts of Adso of Melk. Seduced by the spirit of Hypatia, and marooned in Adygeia, so go the adventures of, FTP, what eponymous hero of a 2002 Umberto Eco novel?

Answer: **Baudolino**

27. In prokaryotes, a Shine-Dalgarno sequence indicates the position where this biological process begins. In eukaryotes, a Kozak sequence often serves the same purpose. An activated methionine tRNA initiates this process in both prokaryotes and eukaryotes by associating at the peptidyl site of a ribosome harboring an mRNA message. FTP, name this process by which an RNA sequence is interpreted as a protein.

Answer: **Translation** (Question written by Cherie Ramirez, Rollins College)

BONI – VALENCIA RED

MOON PIE CLASSIC 2003 -- UTC

Questions by James E. Baker, Elissa Caffery, and Taz Zifos of the Valencia Community College Red Cavalry with additional help from Amanda Gilchrist

1. In 1961, that crazy Piero Manzoni canned his shit and called it art. Answer these questions about the physiology of poo, 5-10-15.

A. (5) In 1991, one of Manzoni's cans sold for \$67,000 at auction. This seems like a better deal when you realize that his bowel movement contains up to 1013 of this fecal bacterium—that's only 6.7 millionths of a cent per!

Answer: **E. coli** or **Escherichia coli**

B. (10) Manzoni's composition gets its subtle brown hue from this pigment, a breakdown product of hemoglobin.

Answer: **bilirubin**

C. (15 pts.) The peristaltic contractions by which Manzoni produced his work would not have been possible if the smooth muscle cells of his intestines had not been electrically coupled by this type of junction.

Answer: **gap junction**

2. 30-20-10, writer.

A. *When She Was Good, The Counterlife*

B. *Operation Shylock, The Great American Novel*

C. *Goodbye Columbus, Zuckerman Unbound, Portnoy's Complaint*

Answer: **Philip Roth**

3. African nations, from clues, For Ten Points Each. Five Points if you need the capital.

A. (10). Composed of the islands of Annobon and Fernando Po as well as a small mainland, the Spanish governed this tiny principality as Rio Muni until 1968, when puppet dictator Macias Nguema took power, opening forced labor camps and eliminating the nation's budget altogether.

(5). Its capital, Malabo, has a population of less than 50,000.

Answer: **Equatorial Guinea**

B. (10). Occupied by Europeans since 1862, French influence spread from the port city of Obock to the surrounding countryside. Obtaining independence in 1977, President Aptidon and his Popular Rally for Progress party have had to deal with an influx of Eritrean refugees in recent years.

(5). Its capital city sits on the Gulf of Tadjoura, just south of the Bab el Mandab.

Answer: **Djibouti**

C. (10). Internal strife has jeopardized the growth of political power in this nation. King Moshoeshoe II had been exiled and returned six times before his 1996 death. King Letsie and his security forces have had to use military force to settle election difficulties on three occasions. In 1998, Botswana deployed troops to its capital to enforce the election of Ntsu Mokhele.

(5). Its capital is Maseru.

Answer: **Lesotho**

4. 30-20-10, Identify this good American.

A. He entered the West Virginia prison system as convict 9653; soon thereafter he was shipped to a federal penitentiary in Atlanta before his release.

B. A compilation of his writings and speeches, *Walls and Bars* was published posthumously in 1927, including a speech given from the 'Red Special' train.

C. Editor of Locomotive Firemen's Magazine, founder of the American Railway Union, and leader of the Pullman Strike, he received 3.5% of the national vote while imprisoned in 1920.

Answer: **Eugene V. Debs**

5. Answer the following questions about the growth and implosion of the Manchu Dynasty, FTPE.
A. A full century into Manchu rule, the geographical boundaries of modern China were established. Manchurian armies marched into the far west, conquering the arid pastures south of the Gobi from nomadic Jurchen and Dzungar confederacies. By 1755, the Manchu dynasty maintained hegemony over this massive territory north of Tibet, to which the exile camps of Ili and Urumchi saw the deportation of White Feather and Taiping rebels.

Answer: **Sinkiang, or Xinjiang, or Chinese Turkestan, or Eastern Turkestan**

B. Signed in 1860, this series of agreements reaffirmed the Tientsin treaties of 1858, while including a new clause augmenting the 1858 Aigun Treaty with Russia; Russia was ceded all lands north of the Amur and east of the Ussuri rivers, leading to the founding of the warm water port of Vladivostok.

Answer: **Treaty of Peking**

C. The empress dowager Cixi (tsu-hsee) secretly supported the 1900 anti-foreign uprising led by this group.

Answer: **the Boxers or Society of Righteous and Harmonious Fists**

6. Identify the poem from lines, 30-20-10.

A. 'That ancient Beadsman heard the prelude soft / And so it chanc'd, for many a door was wide / From hurry to and fro. Soon, up aloft / The silver, snarling trumpets 'gan to chide /'

B. 'Awakening up, he took her hollow lute / Tumultuous, --and, in chords that tenderest be / He play'd an ancient ditty, long since mute / In Provence call'd, "La belle dame sans mercy:"'

C. 'That night the Baron dreamt of many a woe / And all his warrior-guests, with shade and form / Of witch and demon, and large coffinworm / Were long be-nightmar'd. Angela the old / Died palsy-twitch'd, with meagre face deform / The Beadsman, after thousand aves told / For aye unsought for slept among his ashes cold.' The poet is John Keats.

Answer: **The Eve of St. Agnes**

7. Given a concept or idea in psychology, name the psychologist with whom it is associated, FTPE.

A. Imprinting

Answer: **Konrad Lorenz**

B. Person or client-centered therapy

Answer: **Carl Rogers**

C. Womb envy

Answer: **Karen Horney**

8. Answer these acid-base equilibrium questions FTPE.

A. This type of solution, which resists changes in pH, can be created by combining a weak acid with its conjugate base.

Answer: **buffer solution**

B. If you want to create a buffer solution with sodium acetate as the base, what acid should you use? (Please give the name, not the formula.)

Answer: **acetic acid** (prompt on **vinegar**)

C. This equation will allow you to determine the pH of your buffer solution based on the concentrations of species.

Answer: **Henderson-Hasselbalch** equation

9. Name the songs featured in Georges Bizet's opera *Carmen*, FTPE.

A. As with the entire libretto of *Carmen*, this famous song was written by Henri Meilhac and Louise Halévy, and includes two verses, the first of which ends, 'apostrophes, cries, and the uproars / Grows into a furor! / Because it is a celebration of courage! It is a celebration of the people with heart! / Go! On Guard! Go! Go!'

Answer: **The Toreador's Song**

B. The actual title of this song featured in Act One is "L'amour est un oiseau rebelle"; it is sung by Carmen to Don Jose, under the blazing Andalusian sun while the young female workers at Seville's cigarette factory flirt with passers-by.

Answer: **La Habanera**

C. The song immediately preceding 'La Habanera' in the libretto, this spry cadence is played as the title group mocks the changing of the guard between Corporal Morales, and Lieutenant Zuniga.

Answer: **March of the Street Urchins**

10. Name these writers that have either been referred to or have appeared in the Simpsons, FTP. For 5 if you need the author's most famous work(s).

A. (10). At a discussion forum about reading, Lisa compliments this author's use of the mother-daughter bond in one of her most famous works. The author, in turn, reproaches Lisa for missing the point, saying, "Please sit down. I'm embarrassed for the both of us."

(5). Incidentally, this work is *The Joy Luck Club*.

Answer: Amy **Tan**

B. (10). Lisa at one time has considered this author to be one of her only friends. But, as she points out, "He's kissed more boys than I ever will".

(5). *Creation; Empire*

Answer: Gore **Vidal**

C. (10). This writer was referred to when Homer went to the prehistoric ages with a time-traveling toaster and exclaimed, "I'm the first non-Brazilian to travel through time!"

(5). *The Teachings of Don Juan: A Yaqui Way of Knowledge*

Answer: Carlos **Castaneda**

11. Identify the logical fallacy, if any, in each of the following statements, 5-5-10-10.

A. (5) Jim is an arrogant dweeb, so his answer must be wrong.

Answer: **ad hominem** or **attacking the person** (Jim certainly is a dweeb, but his answer, alas, is probably right.)

B. (5) If all Greeks are greasy and lecherous, and Taz is a Greek, Taz must be greasy and lecherous.

Answer: **no fallacy** (Taz actually is greasy and lecherous.)

C. (10) Whenever someone tells a joke, Elissa snickers. Elissa is snickering, so someone must have told a joke.

Answer: **affirming the consequent**, prompt on **non sequitur** (Elissa snickers all the time for no reason at all.)

D. (10) Seconds after a small child enters the room, Amy stops calling Jim a foul epithet, therefore Amy must have stopped out of consideration for the child.

Answer: **Post hoc ergo propter hoc** (Amy is probably just pausing for breath.)

12. Receding at a rate six times faster than the shores of the Aral Sea, it's the hairline of Taz Zifos! FTSNOPE, answer the following about this modern medical tragedy.

A. (5). Coined by Dr. Lars Engstrand, this three word term has become phenomenally popular with Taz in recent after-dinner conversations concerning depilation; the female type occurs in roughly as many cases, annually, worldwide.

Answer: Male **Pattern Baldness**

B. (10). Current theories on the process of pattern baldness hold that genetically predisposed changes in the chemical makeup of follicles result in the production of an enzyme, 5-alpha reductase, creating this biological substance, which retards Taz's natural hair growth far more than the goat fat he applies to his scalp every morning.

Answer: **DHT** or **dihydrotestosterone**

C. (15). Like any other human, Taz's hair cycle is divided into three parts, during which the effects of DHT release break down the natural production of keratin, producing dead vellus hair. For Five Points Each, name the three stages involved in the human hair cycle, in any order.

Answer: **Anagen, Catagen, Telogen**

13. Works of Thomas Mann, FTPE.

A. In this work, Johann, the patriarch of a wealthy family, witnesses the decline of his progeny, Christian, Thomas, Toni, and grandson Hanno, who dies of typhoid at the age of fifteen.

Answer: **Buddenbrooks**

B. In this short story, a German family is forced out of an Italian hotel for allowing their child to frolic naked on a beach. Before leaving the hotel, the family attends a show in which a hypnotist is murdered by one of his patients, a young Italian waiter.

Answer: **Mario and the Magician**

C. This novel is narrated by Serenus Zeitblom, and tells of composer Adrian Leverkühn, whose tragic career parallels the horrific spiritual evil of the Nazi regime, and its ultimate destruction. Leverkühn's music remains as a monument to his raging desire to achieve the sublime.

Answer **Doktor Faustus**

14. FTPE, identify the photographers from the titles of their works.

A. *Jobless on Edge of Pea Field, Migrant Mother*

Answer: Dorothea **Lange**

B. *A Couple Wearing Raccoon Coats with a Cadillac Taken on West 127th Street, Dance Class*

Answer: James **Van Der Zee**

C. *Child with Toy Hand Grenade, Identical Twins, Jewish Giant at Home*

Answer: Diane **Arbus**

15. Identify the following things associated with asteroids, FTSNOPE.

A. (15). Asteroids are organized into groups based on their mean distance from the Sun as well as orbital dynamics. For Five Points Each, name any three of the six major groupings of asteroids in the solar system.

Answer: **Apollo, Trojan, Asteroid Belt, Centaurs, Atens, Amors, Jcarions.**

B. (5). Discovered by Giuseppe Piazzi in 1801, this asteroid is the largest known in the solar system.

Answer: **Ceres**

C. (10). Believed to have formed as a result of the gravitational interplay between larger satellites of Saturn, Jupiter, and planetoids orbiting within the asteroid belt, these spaces between asteroid clusters may account for the attraction of new moons common around the Lagrangian points of Jupiter.

Answer: **Kirkwood Gaps**

16. Identify the following critical theorists of cities and urban life, FTPE.

A. A native of Flushing, New York, his works explore the effects of technology upon the civilizing factor of cities, and the relationship between man and his created environments. His extensive writings include 1934's *Technics and Civilization* and 1968's *The City in History*.

Answer: Lewis **Mumford**

B. This American urban theorist attacked the paternalistic architecture of Le Corbusier, and the 'Great Blight of Dullness' brought about by suburbanization and the attrition of the automobile, opting instead for integration and better funding towards older, deteriorating neighborhoods - the basic argument of her 1961 work *The Death and Life of Great American Cities*.

Answer: Jane **Jacobs**

C. Writing as a student at the Sorbonne in 1920 until his 1991 death, this French theorist applied Marxist methodology to the study of peasant and urban life. His predication upon the *quotidian* - the everyday life drew him close to revolutionary circles in 1968, where his *situationist* praxis was taken to the streets of Paris by his fiery young colleague Guy Debord. Best known for *Everyday Life in the Modern World*, he also authored a text on the practice of built environments, *The Production of Space*.

Answer: Henri **Lefebvre**

17. Tell what physical quantities these integrations yield FTPE. (For example, the integral of force with respect to distance yields work.)

A. The integral of force with respect to time

Answer: **impulse**

B. The integral of the square of the distance from the axis times the differential of mass, or ($\int r^2 dm$ ("integral of R squared dM "))

Answer: **moment of inertia or rotational inertia**

C. The integral of the magnetic field dotted with the area differential

Answer: **magnetic flux**

18. Concepts and works from and relating to Medieval art and architecture, FTPE.

A. Illustrated circa 820 in Reims, famous sections of this work depict the Psalms of David. A creation of the Carolingian *renovatio*, it shows the influence of both Roman rustic and Hellenistic illusionism motifs popular with the work's creator, Archbishop Ebbo. Though illustrated in Reims, the work takes its name from a famous Dutch city.

Answer: **Utrecht Psalter**

B. Constructed between 1078 and 1124, this church in northern Spain was built to house the bones of one of the twelve apostles, making it the third most important pilgrimage site in Christendom. Its artists, most of whom hailed from Aquitaine, decorated the church with elegant Castillian Gothic reliefs, and graceful arches reminiscent of the mosques of Cordoba.

Answer: **Church of Santiago de Compostela**

C. Latin for 'Golden Gospels', these magnificent books were studded with emeralds and aquamarines, leafed with apricot, purple, and blue, and ribbed with gold acanthus leaves. Executed for imperial patronage, famous ones include those of Speyer Cathedral, St. Emmeram, Lindau, and the *Epternacensis*, all dating from the 9th through 11th centuries.

Answer: **Codex Aureus**

19. Name the Mario Vargas Llosa novels from characters, FTPE.

A. Kacheboreline, Torrijo, Mascarita, and Saul Zuratas, the gifted title character.

Answer: **The Storyteller**

B. Epaminondas Goncalves, Abbot Joao, Galileo Gall, Captain Olimpio de Castro.

Answer: **The War of the End of the World**

C. Lituma, Asunta, Alicia Mindreau, and the corpse of the title character, impaled on a carob tree.

Answer: **Who Killed Palomino Molero?**

20. Questions about the ages of the world in Irish mythology, FTPE.

A. This mortal was the leader of the first race to live on Ireland; being the first person to die on Irish soil, the gods soon sent a flood to purge the island of its remaining inhabitants. For 268 years, Ireland remained uninhabited.

Answer: **Ladhra**

B. On the First of May, in the spring of the fifth age of the world, this race of Danu appeared in clouds of blood and fire, landing on the rocky coast of Ireland in burning boats, determined to destroy the inferior Fir Bolgs. A 105 day truce was soon enacted to allow for the sides to prepare for war.

Answer: **Tuatha De Danann**

C. Along with Lug, this god of fertility was among the mightiest of Tuatha De warriors. He carried with him a harp, and a bronze Cauldron of Plenty, from which enough food would be given to every person to satisfy. His exploits in battle against the Formorians came at the helm of a cart carrying eight men who would wield a mighty eight-pronged war club.

Answer: **Dagda the Good**

22. Answer the following questions about Izaak Walton's *The Compleat Angler*, FTPE.

A. In this section, Piscator discusses Lucian, Solomon, and Montaigne, explaining that those who scoff at a man's art and recreation are often condemned to discontent by the whimsical use of their wisdom; of anglers, Piscator claims 'are so full of pleasure that we need not borrow the thoughts of others to think ourselves happy'.

Answer: **These Poor Rich Men**

B. Of attempting to catch this fish, Venator notes how much easier it is to catch a chub; Piscator nets the fish, and promises a full dinner at his brother Peter's house.

Answer: **Trout-Fishing**

C. Maudlin sings this song of her profession to Piscator and Venator, extolling the simple virtues of valleys, fields, steepy mountains yield, beds of roses, ivy-buds, and noble romance; Maudlin's mother responds in kind with her own song.

Answer: **The Milk-Maid's Song**

23. "It sits on a site which is otherwise smooth and level, but is fortified all round by a rock..." so begins Strabo's description of one of the most famous cities in the ancient near-east. Answer the following about this city, FTSNOP.

A. (5). Now known as Salah, name this ancient city, known for its cliff-tombs, located in modern Jordan.

Answer: **Petra**

B. (10). Despite its importance as a trading city with links to Palmyra and India, Petra was not honored with capital status when Trajan annexed surrounding lands. Name the Roman province established in 106, which included Petra within its borders.

Answer: **Arabia**

C. (15). The annexation of Petra and subsequent induction of Arabia into the Roman Empire marked the end of what long independent kingdom, whose most powerful king, Aretas IV sparred with local Roman clients such as Herod the Great?

Answer: **Nabataea or Nabataeans**

24. Would you please answer the following more-than-likely related questions, FTSNOPE?

A. (15) On June 9, 1772, an incident involving the Sons of Liberty and a British naval vessel unraveled off the shores of Rhode Island. For Five Points each, Fifteen Points total, name; the Royal Navy ship baited into shallow waters, then boarded, looted and burned by the Sons of Liberty in protest against the Stamp Acts; the captain of that ship, accused by angry colonists of wanton disregard for naval customs; and finally, the body of water in which the event took place.

Answers: HMS **Gaspee**, Lt. William **Duddington**, Narragansett Bay

B. (15) This ironically named Providence man led a raiding party of 55 Sons of Liberty aboard the HMS Gaspee, assaulted Lt. Duddington, looted the ship, and scuttled it in Narragansett Bay. Unlike a future namesake, he was not hung for his crime.

Answer: **John Brown**

25. Given the definition, identify the concept coined in Aristotle's Nicomachean Ethics, FTPE.

A. This is an intellectual or ethical habit that, when used and practiced, will eventually lead to a happy life. It is an acquired state of character that is learned by performing good actions.

Answer: **Arete or virtue**

B. This is virtuous activity of the soul throughout one's life, but it also demands the presence of external goods like luck or friends. Aristotle believes that it is the highest good for all humans. It involves living well and doing well.

Answer: **Eudaimonia or happiness**

C. This is a state of character that involves a moral softness. One knows how he should behave or what he ought to do, but is conflicted and gives into vice. Aristotle says that this state cannot exist at the level of the virtuous, but that it exists in lower states of character.

Answer: **Akasia or weakness of will or incontinence**

26. Answer the following about the bloody exploits of a certain Ottoman emperor, FTPE.

A. The youngest son of Bayezid II, he initiated a rebellion against his father's rule in 1511, and followed Bayezid's deposition and murder with the fratricide of Ahmed and Korkut. He was declared sultan in 1512, and caliph soon thereafter.

Answer: **Selim I the Grim, Yavuz, the Inexorable**

B. At this 1514 engagement, the forces of Selim engaged the armies of Safavid Shah Ismail on a plain northeast of Lake Van. Victory came on the hooves of a lightning cavalry assault, and Selim occupied Tabriz within weeks, gaining control of the Aleppo and Bursa silk routes.

Answer: **Caldiran**

C. Before the decisive battle of Caldiran, Selim the Inexorable proscribed and executed tens of thousands of these Turcoman mystics, so-called because of their distinctive head garb, whose liberal use of Shi'a governance posed a hazard to local Ottoman viziers.

Answer: **Kyzylbash, or Red Heads, also known as Alevis**