

1/24/2005

2002 Singles Coming 'Atcha Beeyotch
Questions by Anthony de Jesus, with an assist from Leo Wolpert
Seeding Round B (85 tossups)

1. She is shocked when her sister-in-law, the Countess Gemini, tells her that Pansy's mother was Mme. Merle. She leaves England in order to acknowledge mutual love with Ralph Touchett on his death bed. Instead of leaving with Caspar Goodwind, however, she returns to her marriage with Gilbert Osmond. For 10 points—name this title character of Henry James's *The Portrait of a Lady*.

ANSWER: Isabel Archer

2. The whirlpool Corryveckan in the Inner Hebrides is sometimes referred to as her cauldron. She appeared to the High King Conaire Mór before he died at Da Derga's Hostel. She also appeared in the form of a crow, to watch a beaver drink the blood of Cúchulainn, who had rejected and wounded her. For 10 points—name this Celtic goddess of slaughter, death, and war.

ANSWER: Mórrígan or Mórrígu

3. In *Dickerson v. U.S.*, the Supreme Court declined to overturn this case after the 4th Court of Appeals found that it was not a Constitutional guarantee but could be altered by the legislature. The original case involved a man charged with kidnapping and raping an 18-year-old. For 10 points—what 1966 court case concerned police interrogation and Fifth Amendment protection against self-incrimination?

ANSWER: Miranda v. Arizona (accept "Miranda rule" or "Miranda rights")

4. His film debut was as Hyman Roth in *The Godfather: Part II*. With Harold Clurman and Cheryl Crawford, he founded the Group Theatre, modeled after the Moscow Art Theater. Best known for his association with actors such as Anne Bancroft, Maureen Stapleton, Sidney Poitier, Dustin Hoffman, and Marlin Brando—for 10 points—name this man associated with the Actor's Studio where he taught Stanislavsky's Method.

ANSWER: Lee Strasberg

5. Two annual general assemblies on the second Thursdays of April and September and the election of magistrates and a governor by writing names on paper are among the eleven of these decrees binding the residents of Windsor, Wethersfield, and Hartford. For 10 points—John Haynes and Thomas Hooker helped frame what document, sometimes considered the first written constitution, which was adopted in 1639 by Connecticut?

ANSWER: Fundamental Orders of Connecticut

6. It was first used by P. Bachmann in 1892's *Analytische Zahlentheorie* to describe the asymptotic behavior of a function. It hides constant factors, so that two functions with the same value may actually differ by a large, constant factor. It is most commonly applied to functions describing how long it would take to process an input of size n . For 10 points—name common method of describing the approximate running time of a computer program or an algorithm.

ANSWER: Big-O [big oh] notation or O notation

7. His plays depicting the bitter conflict between the individual and a society, forcing the hero to compromise his integrity, included *Traveller Without Luggage* and *Restless Heart*, and were termed his "black" plays for their pessimism, while his more optimistic plays, such as *Thieves' Carnival*, which depict the escape of a black reality through fantasy, were his "pink" or "rose-colored" plays. For 10 points—name this 20th century French playwright who later turned to Greek myth with works such as *Antigone*.

ANSWER: Jean Anouilh [a-NOOY]

8. It owns the islands of the Dahlak Archipelago off the Bay of Massawa. The islands are inhabited mostly by the Afar, while other ethnic groups include the Bilen and Saho. About half the people are Tigrinya-speaking Christians, although ethnic and religious strife is not a problem as its groups have been united in wars with the neighbor to the south. For 10 points—name this country with capital at Asmara, which in 1993 declared independence from Ethiopia.

ANSWER: Eritrea

9. After negative reaction, the website announcing it was made more vague and mention of specific occupations was deleted from this program, part of the Citizens Corps. The U.S. Postal Service will not take part, but truck drivers, meter readers, and cable guys are among those targeted for inclusion. Tom Ridge claims that it is voluntary, but it has drawn comparisons to the East German Stasi. For 10 points—name this shitty Justice Department plan promoted as a national neighborhood watch against terrorism.

ANSWER: Operation TIPS or Terrorism Information and Prevention System

10. He desired to be the world's last artist, hoping that his demonstration of a universal style with applications beyond art would create beauty in every aspect of life so that there would be no further need of art. He believed that resolved conflict, which he called "dynamic equilibrium," was the essence of beauty, and expressed himself in the form he called neoplasticism. For 10 points—name this artist of *Broadway Boogie-Woogie* and co-founder *De Stijl*, known for his abstract use of straight lines and simple colors.

ANSWER: Piet Mondrian (born Pieter Cornelis Mondriaan)

11. The Kabbalist Moses de Leon was influenced by a book called *The Theology of Aristotle*, a series of extracts from this work, which was *not* by Aristotle. It puts forward a view of the universe as a living thing, a series of emanations from the First Principle of the Absolute. For 10 points—name these lectures, arranged into six books of nine sections by the author's disciple, Porphyry, a work of Neoplatonism by Plotinus.

ANSWER: Enneads

12. His nephew Philip was killed by a sniper after stopping "Stonewall" Jackson at Chantilly after the Second Battle of Bull Run. Also a soldier, this man fought at Queenston Heights during the War of 1812. As commander of the Third Military District, his expeditions along the Oregon and Santa Fe Trails earned him the nickname "The Pathfinder." For 10 points—name this general who clashed with Robert Stockton over command in California during the Mexican War.

ANSWER: Stephen Watts Kearny

13. His backups include Bernd Dreher and Stefan Wessels. He idolized Sepp Maier while growing up and made his professional debut for Karlsruher. His 1994 transfer fee for equivalent of 2.5 million euros was a league record at the time, and has paid off for Bayern Munich. For 10 points—show that you know that the keeper's where it's at and name the first goalkeeper to win the Golden Ball award at the World Cup, doing so in 2002 for Germany.

ANSWER: Oliver Kahn

14. It ends with the group going forth as one of them says, "Since I shall begin the game, /What, welcome be the cut in God's name! / Now let us ride and harken what I say." Part of a larger work, it describes all of the characters, sets up the framing device, and begins, "When April with his showers sweet / The drought of March has pierced to the root." For 10 points—name this first part of *The Canterbury Tales*.

ANSWER: The General Prologue

15. Among its efforts have been the Common Fund and the Integrated Programme for Commodities. Now with over 120 members, it formed in 1964 in Geneva during the United Nations Conference on Trade and Development. For 10 points—name this coalition of poor and developing nations, named for the original number of members in its caucus.

ANSWER: G-77 or Group of 77

16. In 1958 the Casimir effect was explained by Dutch physicist M.J. Sparnaay, who showed the existence of an electromagnetic one, which is homogeneous and isotropic and persisting even in a vacuum. The kinetic type can be a major part of the binding energy of a crystal, especially for hydrogen or the noble gases. It does not have a corresponding stationary state for a simple harmonic oscillator in quantum mechanics. For 10 points—name this energy that remains even at the lowest possible temperature.

ANSWER: zero-point energy or ZPE

17. He held that trying to find an absolute starting point in philosophy encouraged oppression and totalitarianism and examined the role of art, especially music, in his *Negative Dialectics*. His concentration on music includes a time as a student of Alban Berg. Other writings include *Jargon of Authenticity* and *Minima*

Moralia. For 10 points—name this philosopher of the Frankfurt School who co-wrote *Dialectic of Enlightenment* with Max Horkheimer.

ANSWER: Theodor Adorno

18. Greengard and associates suggest that it activates enzymes called protein kinases, while Bloom and others showed that it affects signaling in neurons. After first showing that there existed a mediating substance, Sutherland and friends identified it as the second messenger substance whose concentration in target cells is affected by neurotransmitters. For 10 points—name this substance important for the action of many hormones, which is created by the enzyme adenylyl cyclase.

ANSWER: cyclic AMP or cyclic adenosine monophosphate

19. A naval force landed the attacking ground troops beneath the bluffs, which they climbed in the middle of the night to a plateau outside the city. The defender chose to attack rather than wait for reinforcements, and both commanders died before fighting finished on the Plains of Abraham. For 10 points—name this battle fought between the forces of the marquis de Montcalm and James Wolfe.

ANSWER: Battle of Quebec

20. Her spirits are crushed when she is not chosen by her love for a mazurka at a large ball. Sent abroad to recover her health after her despair, she realizes that she loves the man she had rebuffed, the owner of an 8100-acre estate. The daughter of Prince Scherbatsky, she is also the sister-in-law of Stepan Oblonsky. For 10 points—name this woman who ends up happily married to Konstantin Levin after being dissed at the ball by Aleksei Vronsky, who instead chose to dance with Anna Karenina.

ANSWER: Kitty Levin

21. He failed in a 1990 election bid to become Florida secretary of state, but was elected to Congress in 1992 from a newly-created district that surrounds Lake Okeechobee. A former Broward County judge later appointed to the federal judiciary by Jimmy Carter in 1979, he was impeached on bribery charges and removed from office in 1989. For 10 points—name this African-American Florida Democrat who was prominent during the 2000 Florida election scandal.

ANSWER: Alcee Hastings

22. Real name Martin Beck, he seduces a woman named Flo in her own kitchen while her husband is still catatonic from losing his life savings. Soon after, he shoves the woman into a suitcase and holds her and her adopted son for a \$100,000 ransom. Later, he responds to a clown's solicitation to look at a balloon animal with the line "look, a fist!" For 10 points—name this ex-con, Junior Healy's pen-pal in *Problem Child*, who is played by Michael Richards, and whose moniker comes from his distinctive neckwear.

ANSWER: The Bow Tie Killer

23. In 1961, he finished the first of a double cycle of 14 one-act plays on *The Seven Ages of Man* and *The Seven Deadly Sins*. Other attempts at short plays include his *The Angel that Troubled the Waters* and *The Long Christmas Dinner*. His *The Merchant of Yonkers* was later revised into *The Matchmaker*, but his two most famous plays both won Pulitzer Prizes. For 10 points— name this playwright of *The Skin of Our Teeth* and *Our Town*.

ANSWER: Thornton Wilder

24. The simplest aromatic example is phthalic acid while the simplest aliphatic example is oxalic acid. The most important commercially is adipic acid, while others include fumaric, succinic, and malonic acids. They are useful in the synthesis of polymers because they have multiple sites where reactions can occur. For 10 points— name these compounds that include two -COOH groups.

ANSWER: dicarboxylic acids(do not accept "carboxylic acids)

25. According to one version, she and not Leda was the mother of Helen of Troy, as she turned into a goose while trying to evade Zeus. Another story is that she led Croesus to attack Persia. For 10 points—name this daughter of Nyx, who took down those with hubristic arrogance as the personification of divine justice and the vengeance of the gods.

ANSWER: Nemesis

26. The *parlando* style is delivered relatively rapidly, yet inexpressive—hence the Italian name *secco*, meaning “dry”—and it is usually accompanied by a *basso continuo*. With orchestra instead of *basso continuo*, it is called accompanied or *stromentato*, as in the Christ parts of Bach’s *St. Matthew’s Passion*. Although used in oratorios and cantatas, its most well known use is in opera. For 10 points—name this musical style that, unlike an aria, is rendered speech-like.

ANSWER: recitative

27. It explains why a strong magnet dropped through a copper tube will fall slower than the acceleration due to gravity. An extension of the law of conservation of energy, it guarantees that magnets cannot be used to accelerate an object to an energy level greater than the energy in the original system. For 10 points—name this law that states that an induced current flows in a direction to create a magnetic field, which will counteract the change in magnetic flux.

ANSWER: Lenz’s Law (prompt on “Conservation of energy or equiv. before mentioned)

28. His 1907 work *Der Künstler* was inspired by *The Interpretation of Dreams*, and led to his entry to the University of Vienna, with the help of Freud. He wrote about the Oedipus complex in *The Myth of the Birth of the Hero*, and later believed that the guiding force in personality development was the concept of the will. For 10 points—name this man who broke with Freud and who was expelled from the Vienna Psychoanalytic Society, with the 1924 publication of *The Trauma of Birth*.

ANSWER: Otto Rank or Otto Rosenfeld

29. The replacement of Sherman Minton, he is the only Supreme Court justice to write zero dissents in a term, doing so in 1967. He wrote the majority opinion in *Baker vs. Carr* but declined to put his name to *Roe v. Wade* because he was Catholic. For 10 points—Eisenhower considered his second-biggest mistake, after Earl Warren, to be the appointment of what liberal justice from New Jersey?

ANSWER: William Joseph Brennan, Jr.

30. He lived in a Paris embassy until the St. Bartholomew’s Day Massacre, but his travels eventually ended from an infected thigh wound received while raiding a Spanish convoy at Zutphen. Although he served as governor of Flushing in the Netherlands, his fame rests on written works such as his defense against Puritan values in *An Apology for Poetry* and the prose romance *Arcadia*. For 10 points—name this author of the first English sonnet sequence, *Astrophel and Stella*.

ANSWER: Sir Philip Sidney

31. Translated by W. Y. Evans-Wentz, its attributed author is Padmasambhava. It includes instructions on how trained monks should deal with the several distinct planes of consciousness, which a disembodied spirit must navigate in order to be reborn in the best possible kingdom. For 10 points—name this book on post-mortem behavior, which provides insight into Tibetan Buddhism.

ANSWER: Bardo Thodol or the Tibetan Book of the Dead (prompt on “Book of the Dead”)

32. Raymond Lully wrote his *Ars Magna* against the teachings of this man, who held that truth could be expressed through religion and through philosophy. He denied the immortality of the individual soul and argued for the eternity of matter. A judge in Seville and Córdoba, he was chief physician to Abu Yaqub Yusef, the Almohad caliph. For 10 points—name this Islamic philosopher who defended Plato and Aristotle in his *Incoherence of the Incoherence*.

ANSWER: Averroës or Abu al-Walid Muhammad ibn Ahmad ibn Muhammad ibn Rushd

33. This term was coined by critic Thomas Rymer in the late 17th century, in step with his belief that a poem was an idealized world in itself, with its own decorum and morality so that things are not random as in the real world. For 10 points—identify this term, which Rymer applied to his belief that rewards and punishments in a literary work should be meted out relative to the virtue of the characters, which shares its name with a Janet Jackson and Tupac movie.

ANSWER: poetic justice

34. Many scholars believe that is composed of two or more letters which have been rearranged, since the hostility found in chapters twelve and thirteen promising another visit to deal with enemies does not mesh well with the conciliatory tone of the first nine chapters, which include plans to send Titus to receive the collection for the poor in Jerusalem. For 10 points—name this part of the New Testament, one of multiple Pauline epistles sent to a Greek city.

ANSWER: Second Letter (or Epistle) of Paul to the Corinthians (or 2 Corinthians)

35. Near this city is Head-Smashed-In-Buffalo Jump, a World Heritage Site. Began as a fort at the mouth on the Elbow River, this city lies on the Bow River. The birthplace of the Social Credit Party, this city is also home to the headquarters of many oil companies, earning it the nickname "the Energy Capital of Canada." For 10 points—name this city which every July plays host to a livestock exhibition and rodeo known as the Stampede.

ANSWER: Calgary, Alberta

36. He claimed to have returned from travels in Egypt and the Holy Land, and he surrounded himself with a secretary of state, courtiers, and a duplicate imperial family. Decreeing an end to taxes, military conscription, and serfdom, he claimed to be the deceased Peter III. For 10 points—name this Don Cossack, who led a massive peasant rebellion in 1773 against Catherine the Great and Russia.

ANSWER: Emelian Pugachev

37. He's orchestrated the song "Guyute" for the Vermont Youth Orchestra. He's joined with Les Claypool of Primus and Stewart Copeland of the Police for a power trio called Oysterhead. All this after walking away from his band of seventeen years, whose other members are Mike Gordon, Page McConnell, and John Fishman, and whose last album was *Farmhouse*. For 10 points—name this longtime member of Phish.

ANSWER: Trey Anastasio

38. He claimed that because humans had only recently become carnivorous, they had failed to develop instincts against intra-species aggression, such that murder is a uniquely human behavior. He made this claim in the 1966 book *On Aggression*, which also claimed that human warfare developed from animals' territorial defenses. For 10 points—name this founder of ethology, who shared a Nobel Prize with Karl von Frisch and Nikolaas Tinbergen.

ANSWER: Konrad Zacharias Lorenz

39. This theory was presented in a 1954 article written with Richard Brumberg and in several collaborations with Albert Aldo. First presented in the 1949 article "Fluctuations in the Saving-Income Ratio," it ties the population growth rate to the savings rate, while describing a desire to maintain a fairly fixed standard of living. For 10 points—name this model in opposition to Milton Friedman's permanent-income hypothesis, developed by Franco Modigliani.

ANSWER: life cycle savings model (or hypothesis or theory)

40. The girl says "one or more unprintable things" after thinking of things in French and getting angry at the guy who sweats and paces the room and who had earlier said, "Try to be true to me, / And I'll do the same for you, for things are bad / All over, etc., etc." The narrator sometimes brings a bottle of *Nuit d'Amor*, and once stood with the cliffs of England crumbling away behind the woman and Matthew Arnold. For 10 points—name this "Criticism of Life for Andrew Wanning," by Anthony Hecht, whose name is a play on a Matthew Arnold poem.

ANSWER: "Dover Bitch"

41. His secretary Edward Drummond was killed in an attempt to get him by the would-be assassin who is the namesake of the insanity defense known as the M'Naghten Rule. As home secretary, he introduced the Catholic Emancipation Act allowing Catholics to serve in Parliament, while his prime ministry ended due to his support of the repeal of the Corn Laws. For 10 points—name this founder of the modern British Conservative Party, who also reorganized the London police force, or "bobbies."

ANSWER: Sir Robert Peel

42. Byzantine Emperor Michael VIII financed it, while Giovanni of Procida, a Hohenstaufen loyalist, may have served as an agent to the barons, 130 of whom had been condemned to death 14 years earlier in the Ghibelline

revolt. Caused by Charles of Anjou's intent to deprive the citizens of the right to bear arms, it led to years of fighting between Angevin and Aragonese kings. For 10 points—name this 1282 uprising in which over 8,000 Frenchmen were killed on a namesake Mediterranean island.

ANSWER: Sicilian Vespers

43. Introduced in 1950, it is more widely used than the DNFB analysis developed by Frederick Sanger. Using the reagent phenyl isothiocyanate, it forms a substituted thiourea and is useful because it can be repeated, although it is generally not feasible to go past 20 residues. In 1967, its namesake introduced a machine that carries it out automatically, known as a protein sequenator. For 10 points—name this N-terminal residue analysis method used to identify amino acids one by one on a polypeptide chain.

ANSWER: Edman degradation

44. Its design is based in part on a plan by Pietro da Cortona. Located at the end of the Acqua Vergine, an aqueduct, its design includes two Tritons blowing on conch shells while trying to control the wild horses of the chariot of Neptune. Nicola Salvi design the niche from which water issues, flowing over rock formations in— for 10 points—what Roman fountain, where people make wishes while tossing in a coin?

ANSWER: Trevi Fountain

45. It owns 92% of a British company named Global PLC, into which it moved the Latin American operations which some think are a CIA front. Its COO Bruce Huff and CEO Mikel Faulkner are both former Arthur Andersen employees. Although George Soros and former Congressman Michael Huffington have had ties to it, they are not the most famous investors. For 10 points—name this gas and oil company whose board of directors once included George W. Bush.

ANSWER: Harken Energy Corp.

46. He declares that going to Old Bailey would settle all disputes and please all his wives, and he decides that he is ready to meet his fate in the gallows after four more of his wives show up, each with a child. Saved by the protests of the poor, who feel that they deserve vices just like the rich, he picks one woman as his real wife: not Lucy, the daughter of the jailer Lockett, but Polly, the daughter of Mr. Peachum. For 10 points—name this highwayman from John Gay's *The Beggar's Opera*.

ANSWER: Captain MacHeath or Mack the Knife

47. The Egyptian god Re was sometimes depicted as a child laying on one of these, which was also associated with the god Nefertem, and which was often used in the capitals of Egyptian columns. In China, it symbolized purity, perfection, fertility, and summer, while it represents purity and the primordial waters in Buddhist cosmology. For 10 points—Brahma emerged from the navel of Vishnu seated on what flower, also used for the throne on which the Buddha sits?

ANSWER: lotus

48. In the first episode, a four-year old boy requires the attention of a doctor, after he has been beaten with a tree limb by his mother, when he burns the family house down. Later, she beats him for getting cut behind the ear with a broken bottle, to warn him that it is dangerous to fight physically against whites. Published in 1945, it is an account of the author growing up in the oppressive South. For 10 points—name this Richard Wright autobiography.

ANSWER: Black Boy

49. This element was originally obtained commercially from the ashes of seaweed as salts containing it are selectively absorbed by some species of kelp. It forms a deep blue complex when added to a starch solution while a solution of it in alcohol is known as its tincture and is used as a disinfectant. For 10 points—name this halide, which is sometimes added to salt to prevent goiter.

ANSWER: iodine

50. This composer's "The Winter Goblin," "The Mid-Day Witch," "The Golden Spinning Wheel," and "The Wood Dove" can be found in *The Garland*, tone poems based on the fairy tales of Karel Jaromir Erven. First finding success because of his *Slavonic Dances*—for 10 points—name this composer who had several

symphonies rediscovered, resulting in a renumbering, so that No. 9, not No. 5, is *From the New World*.
ANSWER: Antonin Dvorak

51. It is where a British fleet defeated the Dutch in 1781 during the American Revolution and where, during the Russo-Japanese War, Admiral Rozhdestvensky accidentally fired upon a British fishing fleet. Located near the middle of the North Sea, it lies between England and Denmark. For 10 points—name this flat sandbank where Vice Admiral Beatty defeated Rear Admiral von Hipper in a World War I naval battle.
ANSWER: Dogger Bank

52. Among its components is a multiplication factor of 250, the addition of team victories times 10, and the player's team's points. The most recent winner had 112.92 points. Among the statistics used are points, rebounds, assists, steals, blocks, field goal attempts, personal fouls, and turnovers. For 10 points—name this award calculating a player's contribution to his team, presumably calculated on a computer manufactured by its namesake.
ANSWER: NBA IBM Award

53. They were discovered in 1912 when Victor Hess rode in a balloon with an electroscope and found that radiation increased with altitude. They have no electric charge and thus are not affected by the galactic magnetic field. 0.1% of them are photons, which are important in finding their origin; they also include the nuclei of heavy elements, though they consist mostly of protons. For 10 points—name this high-energy radiation that originates in outer space.
ANSWER: Cosmic Rays or Cosmic Radiation

54. He was dominated by his wife Eudoxia and his ministers Rufinus and Eutropius, while his army was controlled by Stilicho. His court's immorality was denounced by St. John Chrysostom, who he banished. Succeeded by Theodosius II, he commissioned as prefect for Illyrium the Visigoth king Alaric. For 10 points—name this brother of Honorius, the first Roman Emperor of the East after the empire was permanently divided by Theodosius I.
ANSWER: Flavius Arcadius

55. He headed the department of journalism at Drake University from 1929 to 1931, then taught at his alma mater, Northwestern, before becoming director of research at the Young and Rubicam ad agency. In 1935, he published his first newspaper report as a "non-partisan fact-finding organization," concentrating on political, social, and moral issues. For 10 points—name this American Institute of Public Opinion founder and namesake of a Poll.
ANSWER: George Gallup

56. One version of this theory holds that the LAD is a structure found in human brains. Proponents claim that children learn at about the same rate despite different learning environments. Although Noam Chomsky supports the LAD, or language acquisition device, others support basic instinct in—for 10 points—what cognitive theory that language development is genetically programmed?
ANSWER: nativism

57. His thesis on immortality, resembling druidic teaching, was influenced by his Celtic slave. He claimed to have been Euphorbus, a warrior from the Trojan War, as part of his teachings on the transmigration of souls. His followers believed in the "harmony of the spheres" created by the movement of heavenly bodies, and in harmony and order through number. For 10 points—name this Greek thinker who lends his name to a theorem concerning triangles.
ANSWER: Pythagoras

58. Although he made whimsical radio broadcasts describing German internment camps during WWII, MI5 agreed with his contention that his remarks were not pro-German and chose not to prosecute him. The author of "By the Way," a *London Globe* column, he first gained notice for his novel *Psmith in the City*. For 10 points—name this English author who created Bertie Wooster and his butler Jeeves.
ANSWER: Sir Pelham Grenville Wodehouse

59. One major occurrence was near Fort Myers, Florida in 1946. Due mainly to the genera *Gymnodinium* and *Gonyaulax*, they may be harmless or they may deplete the oxygen, killing off fish, and produce a toxin contaminating shellfish during population increases called blooms. For 10 points—name this phenomenon in which dinoflagellates reproduce so that their concentration discolors seawater.

ANSWER: red tides

60. This man is called a "pig-headed father" in the poem "The Pact" by Ezra Pound, who also says, "It was you that broke the new wood, / Now it is time for the carving." He is described as a "childless, lonely old grubber, poking among the meats in the refrigerator and eyeing the grocery boys" in "A Supermarket in California" by Allen Ginsberg. For 10 points—name this poet whose "Children of Adam" and "Crossing Brooklyn Ferry" were added to later editions of *Leaves of Grass*.

ANSWER: Walt Whitman

61. What was once thought to be a royal residence in this city is now believed by some to be a Buddhist *stupa* built centuries later. Thus, it may not be the center of monarchy, but merely one of a loose collection of towns and cities, albeit one of the larger ones. Skeletons found here have been poised as if running or hiding, in this place whose name means "city of the dead," leading scholars to suggest that Aryans destroyed it. For 10 points—name this largest city of the Harappan civilization

ANSWER: Mohenjo-Daro

62. In biology, this term can refer to the white pith of the inner peel of a citrus fruit. It is used more in physics and astronomy, where Kirchoff's law defines it as equal to 1 minus a surface's emissivity. Also known as the reflection coefficient, it is equal to .25 for Mars and .12 for Earth's moon. For 10 points—name this ratio of reflected to incident power, which tells how much light is reflected by a non-luminous surface.

ANSWER: Albedo

63. Locals once called it the "Baluk Deniz," meaning "fish sea," but increased salinity and pollution have decreased the fish population. In the northeast is the Gulf of Taganrog. The three main ports on this body of water are Tanganrog, Mariupol, and Berdyansk, while another port, Rostov, sits at the mouth of the Don River. For 10 points—name this shallow inland sea, connected by the Kerchenskiy Strait to the Black Sea.

ANSWER: Sea of Azov

64. In modern international relations, the first example was part of Jay's Treaty, while the Hague Conference of 1899 created a permanent mechanism for it. The Taft-Hartley Act made it the preferred method of resolving disputes over existing collective bargaining agreements. For 10 points, name this use of an impartial party rather than courts to resolve a dispute, which is also used to decide some baseball salaries.

ANSWER: arbitration

65. After the funeral of Charles De Gaulle, he was led away as he wailed, "Papa, papa!" Serving the French army with distinction in Vietnam, he searched there for his illegitimate children, resulting in adoptions and the forced marriages of two Vietnamese to Africans. In 1986, he returned for exile to stand trial, and his country convicted him of grand theft, murder, and cannibalism. For 10 points—name this self-styled Central African Emperor.

ANSWER: Jean Bédél Bokassa

66. Its title comes from Harte Crane's *The Bridge*. Its score and premiere were funded by Elizabeth Sprague Coolidge. Originally written for 13 instruments because of the size of the auditorium at the Library of Congress, the resulting suite for a symphony orchestra won a Pulitzer. For 10 points—name this ballet, based on Martha Graham's childhood memories of her 90 year old grandmother on a Pennsylvania farm, with music by Aaron Copland.

ANSWER: Appalachian Spring

67. Various legends claim that he was conceived by a shooting star, carried in the womb for eighty-two years, and born as a wise old man. At Hankao Pass, he was stopped by the gatekeeper, who could not persuade him to keep from riding toward Tibet on a water buffalo, but could get him to spend three days writing about the way

and its power before leaving. For 10 points—name this author of the *Tao Te Ching*.

ANSWER: Lao Tzu or Laozi

68. Dr. G. Pat Flanagan wrote a 1973 book describing experiments which supposedly confirmed that these objects had such powers as keeping razor blades sharp, making plants grow better, quickening healing time, purifying water, making wine and tobacco taste better, making meat tender, and keeping food fresh. It was believed that they could focus an unspecified energy in a mystical way. For 10 points—name these shapes associated with Giza.

ANSWER: pyramid

69. His best-known work was independently duplicated in the same year by Lothar Meyer. His work was theoretically confirmed and modified by Henry Moseley, who studied x-ray emissions. This man's ideas gained acceptance when his predictions matched the occupants of blank spaces that he left open. For 10 points—name this creator of the periodic table.

ANSWER: Dmitri Mendeleev

70. It's the only surviving Attic play written in a style with characteristics of both a tragedy and a satyr play. The title character is the daughter of King Pelias of Iolcus. She prays that Vesta will be a mother to her children. Luckily, *deus ex machina* intervenes; a hero on his way to slay the wild horses of Diomedes, Hercules, wrestles to recover the title character from Thanatos. For 10 points—name this Euripidean play, concerning the queen of Phrae and wife of Admetus.

ANSWER: Alcestis

71. In 1999, an international Historical Clarification Commission issued a nine-volume report subtitled "Memory of Silence," which hold that this country's military, backed by the U.S., engaged in genocide in a 34-year period ending in 1996. The U.S. supported dictator Jorge Chico, and backed conservative military regimes after U.S.-owned fruit companies were threatened by the land reforms of the popularly-elected president Jacobo Arbenz in, For 10 points—what central American nation?

ANSWER: Guatemala

72. In Pompe's disease, the liver is damaged because this organelle lacks an enzyme for breaking down glycogen. It lacks an enzyme for digesting lipids in Tay-Sachs disease. It is responsible for removing the tale as a tadpole becomes a frog and it recycles a cell's own organic material in autophagy. For 10 points—name this membrane-enclosed organelle where hydrolytic enzymes digest macromolecules.

ANSWER: lysosomes

73. The artist may be depicted within as the man looking straight out at the viewer above the head of St. Stephen. The artist's eight-year-old son is depicted next to Stephen, and the painting is signed in the boy's kerchief. The painting depicts the appearance of Sts. Stephen and Augustine and the visible ascension into heaven of the soul of a 14th century Spanish nobleman. For 10 points—name this El Greco painting.

ANSWER: The Burial of the Count de Orgaz

74. Isaac Bickerstaff's drama *The Maid of the Mill* was based on this work. It concerns a teenage servant in the household of Mr. B. She rejects the master's amorous advances and ultimately leaves, but he writes her a letter asking her to come back and proposes to her, hence the subtitle "Virtue Rewarded." For 10 points—name this epistolary novel by Samuel Richardson parodied by Henry Fielding in *Joseph Andrews* and *Shamela*.

ANSWER: Pamela, or Virtue Rewarded

75. A layer of sand was placed beneath it in order to brace its direction. It was drawn to one side with a fine thread, which was then burned to prevent its causing any lateral motion. Its creator determined that the rate of its deviation was equal to fifteen degrees per sidereal hour times the sine of the latitude, which was 48 degrees, 50 minutes north for Paris. For 10 points—what object was used by its namesake Frenchman to prove the Earth rotation about an axis?

ANSWER: Foucault's pendulum

76. In politics, it is perhaps the only thing that some Jews and Arabs can agree on. Zevulun Orlev of the National Religious Party was supported by Arab members of the Knesset in sponsoring a bill that outlawed this, closing a loophole in a telecom bill that allowed pay-per-view display of—for 10 points—what genre, whose more popular channels in Israel include Spice and Playboy.

ANSWER: pornography (accept equivalents)

77. His name comes from his withdrawal into a hut made of plantain leaves. Although praised for the prose that can be found in his description of one of his many contemplative journeys, *The Narrow Road to the Deep North*, he is better known for his mastery of the poetic form that he used to express images of nature. For 10 points—name this man who wrote lines of 5, 7, and five syllables in many haikus.

ANSWER: Basho or Matsuo Munefusa

78. The highest peak in this range is Spruce Knob. It forms a divide between those rivers that flow into either the Gulf of Mexico or the Atlantic. This name is given to the mountains west of the Blue Ridge in the Appalachians. For 10 points—name these mountains found in West Virginia, Virginia, Maryland, and Pennsylvania.

ANSWER: Allegheny Mountains

79. The name's the same. The first in Egypt was the grandson of Muhammad Ali who was murdered by his slaves. The second of Egypt was the last khedive. The Safavid by this name is known as the Great and expanded Persia. For 10 points—they share what name with the uncle of the prophet Muhammad, who was the namesake of the caliphate ruling from 750 to 1258 after overthrowing the Ummayyads.

ANSWER: Abbas [Namesake of the Abbasids, duh.]

80. He was depicted in square pillars with a bust of him on top and a phallus carved below at wayside shrines honoring him as the god of roads. Originally a fertility god who led souls to the underworld, he later became the patron of merchants and seamen, as well as of pickpockets and thieves. For 10 points—name this trickster son of Maia and Zeus who was later identified with the Roman Mercury.

ANSWER: Hermes

81. The one-time Commissioner of Parks and Recreation in California during the 1970s, this singer had her first hit with a selection from *Jesus Christ Superstar*, "I Don't Know How to Love Him." Although she had other number ones in "Angie Baby" and "Delta Dawn," it was a 1972 Grammy winner for which this Australian is best known. For 10 points—who sang "I Am Woman"?

ANSWER: Helen Reddy

82. They first appeared for a private funeral celebration in 264 BC. Types include the myrmillo, retiarius, secutor, samnis, thrax, and hoplomachus, depending upon the equipment given. A successful one could become a rudiarius due to popularity and was given a rudis, or wooden rapier, as a symbol that he was now free of further service. For 10 points—name this Roman profession, whose members included Spartacus.

ANSWER: gladiator

83. The fraternal type includes brothers yet to be born, which W. H. R. Rivers described among the Toda people of South India. Its use may be related to the practice of female infanticide, since it is generally practiced where there is an unbalanced sex ratio. One innovation is for brothers to share more than one wife in—for 10 points—what marriage of a woman to multiple men?

ANSWER: polyandry

84. Her grave is dug by the same knife that killed her. Her murderer had previously asked a monk to say a mass for a person in danger of death. She was killed after insisting that even if Lucas did not love her, that she did not love her murderer anymore. The Basque cavalryman Don José slew—for 10 points—what fickle lover, a gypsy girl in a Prosper Mérimée novelette which was made into a Bizet opera?

ANSWER: Carmen

85. There are about 41 in each cycle of the ancient Chaldean method known as the Saros. At least two and as many as five must take place each year, depending on the regression of the moon's mode. It is the occasion for

observing the flash spectrum and Baily's beads. For 10 points—name this event in which the moon casts a shadow on the earth.

ANSWER: solar eclipse (prompt on eclipse)

=====End Seeding Round B=====

Extra tossup

86. He was imprisoned for his role in Charter 77, a human right declaration submitted to the government after the passage of Law Number 120 and the agreement of the Helsinki Accords. Although his writings to his wife from prison were published as *Letters to Olga*, he is better known for *The Garden Party* and *The Memorandum*. The Velvet Revolution led to—for 10 points—what playwright becoming president of Czechoslovakia?

ANSWER: Vaclav Havel