2002 Singles Coming 'Atcha Beeyotch
Questions by Anthony de Jesus, with an assist from Leo Wolpert
One-on-One Set B (23 tossups)

1.   In astronomy, he suggested that life on earth originated from spores driven through space by the pressure of light. His doctoral thesis on electrolytic dissolution hypothesized that the degree of dissociation increases as a solution becomes more dilute. Originally thought wrong, he was given the lowest passing grade from the University of Uppsala. For 10 points—name this Swedish chemist known for his namesake equation.
ANSWER: Svante August Arrhenius

2.   This French term originally referred to a small horse or pony and may derive from an Old French word meaning "to trot." It was later applied to an object which like a horse has four legs, and which one sat astride to use, not unlike sitting on a horse. For 10 points–name this object, a basin in which to wash one's genitals and anus.
ANSWER: bidet

3.   This former historian burns his manuscript after the press attacks him. He voluntarily commits himself to a mental institution, where he is met by the aspiring and persecuted poet Ivan Bezdomny, and where he writes a book about Yeshua-ha-Nozri, or Jesus Christ, and Pontius Pilate. For 10 points—name this character whose lover, Margarita, bargains with the Devil to save his novel in a work by Mikhail Bulgakov.
ANSWER: the Master

4.   The birth of the one for Fire killed the Earth Mother. When the Sky Father ritualistic purified himself in a river, those of the stars, moon, and sky were created. The Earth Mother and Sky Father were among the original twelve created by the mating of the basic forces of the universe and were named Izanami and Izanagi. The sun goddess Amaterasu was also one of—for 10 points—what deities of Shinto?
ANSWER: kami

5.   When a man is unable to give this, one alternative is suitor service, as in the story of Jacob working for Laban. Interpretations of it include validation of a right to future offspring, a downgrade of women into a form of property, or compensation for lost domestic services. For 10 points—name this flow of goods from a groom's family to a bride's family.
ANSWER: bride-price (do not accept "dowry")

6.   The most common arrangement is a suite containing an overture, "Le Paix," "La Rejouissance," a bouree, and two minuets. Its second performance was on May 27, 1749 in a benefit concert in the chapel of Foundling Hospital, while its first performance included a salute with 101 brass cannons in Green Park, London to celebrate the treaty at Aix-la-Chapelle. For 10 points—name this work by George Frideric Handel.
ANSWER: Royal Fireworks Music or Music for the Royal Fireworks

7.   He contemplated suicide after losing 24,000 men at Dennewitz. When his lawyer tried to save him, arguing that his birthplace of Saarlouis was no longer part of France, this man proclaimed that he would "die a Frenchman" and he was executed by firing squad after refusing to go into exile. For 10 points—name this man given the title "prince of Moscow," a marshal who was called "the bravest of the brave" by Napoleon.
ANSWER: Michel Ney, Prince de la Moskova, Duc of Elchingen

8.   Four strangers meet in a New York City bar, three men and one woman. When the action ends up in the woman's apartment, two of the men leave, and the third passes out from too much alcohol disappointing the woman. Called a "baroque eclogue," it allowed its British author to win a Pulitzer Prize. For ten points—name this long poem exploring modernity's loneliness, spiritual emptiness, and angst, by W. H. Auden.
ANSWER: The Age of Anxiety

9.   Two answers required. The enclaves of Ceuta and Melilla have been declared off the table. Proposed oil drilling has been called "unfriendly" by the other. The most recent dispute involves an alleged attempt to stop terrorists and drug smugglers as six soldiers raised a flag on the small, uninhabited island of Perejil in the straits

of Gibraltar. For 10 points—name these two Mediterranean nations in dispute.
ANSWER: Morocco and Spain

10. It is limited only by the insulating support or the breakdown of air surrounding the high-voltage terminal. This device has a sharp tip called a corona point, while rubber or another insulating material is used in a moving belt that carries electric charge to the outer conductor. For 10 points—name this electrostatic device used to create large potential differences, which is named after an American physicist.
ANSWER: van de Graaff generator/accelerator

11. He is mistaken for the announcer of a tightrope act. He realizes he must overcome stupidity and apathy in order to preach the wisdom he has acquired from ten years of meditating on a mountain. He preaches that any worship is a return to childhood and that man is something to be overcome. For 10 points–this call for the "overman" is one thing thusly spake by what character of a Nietzsche work?
ANSWER: Zarathustra

12. He was nicknamed "Cornman" for his suggestion that the people eat more corn, possibly inspired by his trip to the U.S. Although his agricultural expansion eventually led to important wheat fields in Kazahkstan, his reforms and tendency to crack jokes helped lead a special meeting of the Politburo to force him out of office while he was away on vacation. For 10 points—name this Soviet leader ousted after he tried to place missiles in Cuba.
ANSWER: Nikita Khrushchev

13. Gallienus defeated them in Italy near Mediolanum while Gratian beat back their invasion at Argentaria. They pushed the Romans out of Württemburg, but were themselves defeated in 496 by the Salian Franks under Clovis I. This confederacy of tribes occupied land between the Main and Danube rivers. For 10 points—name these tribes from whose name is derived the name of Germany in several languages.
ANSWER: Alamanni or Alemanni

14. Because he could read Latin, he passed a literacy test for the clergy, escaping a hanging for his lethal duel with Garbiel Spenser. His collaborations include masques for sets by Inigo Jones, *The King's Entertainment* with Thomas Dekker, and *Eastward Ho* with John Marston and George Chapman. For 10 points—name this poet of "Song to Celia" and playwright of *Bartholemew Fair*, *Sejanus*, and *The Alchemist*.
ANSWER: Ben Jonson

15. In this movie, Frank McRae plays Harry Noble, a janitor and former boxer, who lives in an apartment building in Manhattan's Lower East Side, and who speaks only words he has heard in television commercials, including the title of the movie. This sentimental tale stars Hume Cronyn and Jessica Tandy. For 10 points— name this movie featuring cute little flying saucers.
ANSWER: *Batteries Not Included*

16. The progenitor ones express a transmembrane tyrosine phosphatase called CD45R, which proliferate into precursor ones in the microenvironment of stromal cells. Naive ones die within a few weeks of apoptosis unless they undergo antigen-driven activation, which leads to the generation of plasma and memory cells. For 10 points—what lymphocytes mature in the bursa of Farbricius of birds and in the bone marrow of mammals?
ANSWER: B cells or B lymphocytes

17. Its ethnic majority call themselves the Hay and use a 38-letter alphabet. Its people are mostly Christian, as it claims to be the first country to have adopted Christianity as a state religion. Containing Lake Sevan, whose main outlet is the Hrazdan River, it has been in a conflict over Nagorno-Karabakh, which wishes to secede from its neighbor to the east, Azerbaijan. For 10 points—name this former Soviet republic with its capital at Yerevan.
ANSWER: Armenia

18. Anake but not Leda, Carme but Himalia, Sinope but not Adrasta, Pasiphae but not Amalthea or Europa, with respect to Jupiter. Phoebe with respect to Saturn. Triton with respect to Neptune also shares this characteristic. It also describes the rotation of Venus. For 10 points—in what kind of orbit does a satellite have

an inclination of at least 90 degrees?
ANSWER: retrograde orbit

19. X rays of this painting show that there was originally a woman on the left, bathing in the stream, to balance the woman on the right. The man on the left wears the costume of a German mercenary soldier, while the woman wears only a white cloth thrown over her shoulders, as she sits on the ground, nursing her child. For 10 points—name this depiction of a landscape, with a woman and a soldier in a storm, by Giorgione.
ANSWER: The Tempest

20. One feature is an inability to conserve quantity, a failure to understand that substance and number, among other quantities, are unchanged despite transformations. Another feature is egocentrism, the inability to understand another's point of view. High-ordered schemas form in order to allow a reasonably well-ordered world of ideas. For 10 points—name this second stage of Piaget, which follows sensory-motor intelligence.
ANSWER: preoperational period

21. It required ships to list every item in their cargo, including the contents of sailors' sea chests, with violators to be tried in admiralty courts. Also including a duty on Madeira wine, it was accompanied by a crack down on smugglers. This idea of George Grenville actually lowered the duty from six to three pence a gallon. For 10 points–name this act that revised the Molasses Act of 1733.
ANSWER: Sugar Act or Revenue Act of 1764

22. The rape of this person was depicted in a sculpture by Leochares, who also created the Apollo Belvedere. The son of King Tros, he is depicted in the constellation Aquarius. Depending upon the version, he was taken either by Eos or by Zeus in the form of an eagle. For 10 points—name this boy who in Olympus replaced Hebe [HEE bee] as cupbearer of the gods.
ANSWER: Ganymedes

23. The narrator of this novel believes in the "Great Twitch," the idea that everyone twitches in reaction to some sort of current. He later realizes that one has responsibility for one's life as he chose not to tell the bodyguard Sugar-Boy O'Sheean that Tiny Duffy had betrayed his boss to Adam Stanton, leading to a shooting at the capitol. For 10 points—Jack Burden narrates what novel by Robert Penn Warren?
ANSWER: All the King's Men