

- 1/27/04

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

1. Joseph Lister used it as the first widely used disinfectant in operating rooms. A weak acid, it is produced in a reaction with the intermediary cumene that also produces acetone. Derivatives include adrenaline, hydroquinone, the active component of marijuana, and the irritants in poison oak and poison ivy. For 10 points—name this compound with formula  $C_6H_5OH$ , which has a hydroxy group attached to an aromatic ring.  
ANSWER: phenol

2. From 1944 to 1967, he headed his country's Liberal Party and was minister of trade from 1944 to 1945. He stressed the management of demand changes in such works as *The Problem of Employment Stabilization*. His predictions—based on "factor endowments" such as supplies of land and capital—were seemingly contradicted by Leontief's paradox. For 10 points--name this Swedish economist, whose model of international trade is named after himself and Eli Heckscher.  
ANSWER: Bertil Ohlin

3. He produced a version of Gustav Holst's *The Planets*, which was RCA's first videodisc. His 1993 effort, *NoWorld Order*, was the first interactive music-only compact disc. He created the second music video to be played on MTV, "Time Heals." For 10 points--name this former member of the Nazz, now known more as a record producer.  
ANSWER: Todd Rundgren

4. After a five-year apprenticeship, he became a full partner with Maverick and ran the New York branch of his engraving firm, but broke with Maverick after accepting John Trumbull's commission to engrave *The Declaration of Independence*. He decided to concentrate on landscapes in 1837 while at Schroon Lake with Thomas Cole. For 10 points—name this Hudson River school painter of *In the Woods*, *Early Morning at Cold Spring*, and *Kindred Spirits*.  
ANSWER: Asher B. Durand

5. In the end, the protagonist decides to enroll in Frincke's business college, after her father, Virgil, has a stroke and sells his glue factory to his former boss, Mr. Lamb. The character claims that Mildred Palmer is her best friend, and invents a life in order to interest Russell. For 10 points--name this novel about a daydreaming small town girl, by Booth Tarkington.  
ANSWER: Alice Adams

6. In 1299, the pope intervened for the release of this man from the Tower of London, and he promptly fled to Normandy. He had succeeded Alexander III, following the death of Alexander's heir, Margaret "Maid of Norway," as a result of adjudication by King Edward I of England. For 10 points--name this king of Scotland, who founded a college at Oxford that bears his name.  
ANSWER: John de Baliol

7. Afterwards, this battle's losers tried sailing around Cape Sounion instead, having chosen this battle's location as the easiest place to land after conquering Euboea. Among the invaders were the former tyrant Hippias. Perhaps the first amphibious assault in history, the successful defense was planned by a council of ten generals, including Miltiades. A 490 BC Persian invasion in--for 10 points--what battle, whose most famous participant was Phidippides.  
ANSWER: Battle of Marathon

8. This brother of Cian and Goibhniu was tricked by Balor of the Evil Eye when he was supposed to be watching Cian's magical cow. His importance is unknown, but the Dé Danan defeated the Fomorii at the second Battle of Magh Tuireadh in a time honoring him. Martinmas was used by Christians to take over his time, which ended the pastoral year. For 10 points--who is this namesake of an Irish feast concerning the Otherworld, which begins on the evening of October 31.  
ANSWER: Samhain

9. Commercially available versions of it usually come from the Moloney Murine Leukemia or Avian Myeloblastosis viruses; the former is composed of one polypeptide chain, while the latter is composed of two, named p51 and p66. Possibly involved in the movement of mobile genetic elements, such as the Ty plasmid in yeast, it can be used in PCR if one begins with RNA. For 10 points—name this enzyme, which can build DNA from an RNA template, and is found in all retroviruses.

ANSWER: Reverse Transcriptase

10. His play *The Inconstant*, based on John Fletcher's *The Wild Goose Chase*, was a failure, but he would have success with a play that was the basis of Timberlake Wertenbaker's *Our Good Country* and Bertolt Brecht's *Pauken und Trompeten*. That play, based on his experiences while stationed in Lichfield and Shrewsbury was *The Recruiting Officer*. For 10 points--name this Irish playwright, whose Restoration comedies include *The Beaux's Strategem*.

ANSWER: George Farquhar

11. His statement of dogma was put into poetic form in the hymn *Yigdal*. The resurrection of the dead and the unity, incorporeality, existence, eternity, and omniscience of God are among his Thirteen Principles of Faith. This author of the *Avot*, a commentary on the *Mishnah*, is sometimes known by the acronym Rambam. For 10 points--name this man who reconciled Aristotle and Judaism in his *Guide for the Perplexed*.

ANSWER: Maimonides or Moses ben Maimon (prompt on "Rambam," which stands for Rabbi Moses ben Maimon)

12. Their last ruler was supposedly a tyrant who ordered the building of "ponds of wine" and the composition of "lustful music." Some histories claim that they were foreign invaders, since they introduced the chariot at the same time that it developed elsewhere. Ruling from a capital at Anyang, they relied on oracle bones and divinations, but were overthrown in the 11<sup>th</sup> century BCE. For 10 points--name this Chinese dynasty displaced by the Zhou.

ANSWER: Shang

13. J. Parnell Thomas coined the derogatory term "fellow traveller" to refer to this man, who had been nominated by FDR as librarian of Congress. His work against McCarthyism included his play *The Trojan Horse* and his effort to release Ezra Pound. His poetry includes shorter works such as "Not Marble Nor the Gilded Monuments" and "You, Andrew Marvell." For 10 points--name this poet, whose Pulitzer-winning works include *Conquistador* and *J. B.*

ANSWER: Archibald MacLeish

14. A physicist at the Watertown Arsenal during World War II, his later research explored the use of oceanic thermoclines as a source of electrical power. His namesake voltage, on the order of 1 volt per unit cell, is the field required to excite his namesake current, which, through an insulator in a very intense field, is sufficient to excite an electron directly from the valence band to the conduction band. For 10 points—what physicist did not actually invent his namesake diode?

ANSWER: Clarence Melvin Zener

15. The struggle for control of these islands were a significant part of wars between England and France; in 1782, off the coast of St. Lucia, Admiral Rodney defeated Admiral de Grasse. One of its islands, St. Vincent, has a capital at Kingstown. Located North of Trinidad and Tobago, Martinique and Grenada are part of--for 10 points—what archipelago of the Lesser Antilles, which are south of the Leeward Islands?

ANSWER: Windward Islands

16. Hydra is the only constellation larger than this one. The Sombrero Galaxy lies near Corvus, while M87 may contain a black hole. Another nearby constellation, Coma Bernices, includes part of a supercluster that bears the name of this constellation. For 10 points—name this constellation whose brightest star—with a name meaning "ear of wheat"—is Spica, a heavenly depiction of a maiden in the Zodiac.

ANSWER: Virgo

17. Originally named Israel Beer Josaphat, he started out by sending carrier pigeons between Brussels and Aachen since that is where the telegraph lines ended within Belgium and Germany. He built telegraph cables

from England to Germany, from England to France, and from France to the United States and started a London telegraph agency in 1851, providing London and Paris brokers with stock prices, before adding new dispatches. For ten points, name this founder of one of the world's largest press agencies.

ANSWER: Paul Julius, Baron von Reuter (do not "Reuters")

18. His publisher in Turkey is facing jail time due to this man's essay criticizing the treatment of Kurds in his recent work *American Interventionism*. Other books include *American Power and the New Mandarins*. He differentiates between the innate, unconscious knowledge he calls "competence" and "performance," by which competence is transformed into everyday speech. For 10 points—whose transformational-generative grammar can be found in *Syntactic Structures*?

ANSWER: Noam Chomsky

19. He spent an estimated \$2 million in 1920 in a failed bid for the Republican presidential nomination. Later appointed Governor-General of the Philippines by Harding, this former army chief of staff had previously served as military governor of Cuba after the Spanish-American War. For ten points, name this soldier and doctor who, with Teddy Roosevelt, organized the Rough Riders.

ANSWER: Leonard Wood

20. This work claims that Thespis invented tragedy. Advocating a mix of "the useful with the sweet," it holds that one should stick to subjects within one's ability while using appropriate language. The last of its author's epistles, it was addressed to Lucius Calpurnius Piso and his son. For 10 points—name this poem about the creation of literature, by Horace.

ANSWER: Ars Poetica or The Art of Poetry

21. Famous examples composed by Sebastien Yradier include "El Arreglito" and "La Paloma." The latter was introduced to European audiences in an 1875 opera. A slow dance that became associated with flamenco, it also influenced the tango. For 10 points--name this dance used in the first act of Georges Bizet's *Carmen*, which originated in the capital of Cuba.

ANSWER: Habañera

22. A less-accepted explanation of their existence is the Griesbach hypothesis, which eliminates the need for a hypothetical unknown source by maintaining that one is based on the other and that a third is based on the other two. The more accepted two-document hypothesis requires belief in Q, an unknown shared document. For 10 points--give the collective name for Matthew, Mark, and Luke, but not John.

ANSWER: synoptic gospels or synoptics (do not prompt or accept on gospels)

23. Its current president was elected during a campaign that included a pledge to reveal his salary. Although he claimed in a May interview that he had not been paid since his election in October 2000, many—including Rally for the Republicans, led by Alassane Ouattara—have been critical of the equivalent of \$15,000—9.5 million CFA francs—in monthly salary earned by Laurent Gbagbo. For 10 points—name this country where outrage has been heard from Abidjan to Yamoussoukro.

ANSWER: Ivory Coast